

THIRD QUARTERLY INDEX 1983

Volume 148
July-September 1983

Radiology

KEY TO ABBREVIATIONS

- ab — abstract
AJNR — from the *American Journal of Neuroradiology* (May/Jun-Jul/Aug 1983)
AJR — from the *American Journal of Roentgenology* (May-Aug 1983)
bk rev — book review
edit — editorial
L — letter to the Editor
opin — opinion
RG — from *RadioGraphics* (Spring 1983)
SNM — from *Seminars in Nuclear Medicine* (Apr-Jul 1983)
SR — from *Seminars in Roentgenology* (Jul 1983)
SU — from *Seminars in Ultrasound* (Jun 1983)

AUTHOR INDEX

A

- Abbott WM See Reilly MK
Abe S; Miyasaka K; Tashiro K; et al: evaluation of the brainstem with high-resolution CT in cerebellar atrophic processes, (AJNR), 4: 446, 1983
Abe T See Hiraiwa M
Ablow RC; Jaffe CC; Orphanoudakis SC; Markowitz RI; Rosenfield NS: fluoroscopic dose reduction using a digital television noise-reduction device, 148: 313, 1983
Abrams HL: Caldwell lecture, the collateral circulation: response to ischemia, (AJR), 140: 1051, 1983
Ackerman RH; D'Alton JG; Davis KR; et al: complementary roles of a noninvasive test battery and DSA in evaluating carotid artery disease, (AJNR), 4: 757, 1983
Adam EJ See Willson SA
Adam P; Fabre N; Guell A; et al: cortical atrophy in Parkinson disease: correlation between clinical and CT findings with special emphasis on prefrontal atrophy, (AJNR), 4: 442, 1983
Adams DF: how safe is the coronary angiogram? (ab), 148: 328, 1983
Adams JE; Johnson RJ; Richards D; et al: computed tomography in adrenal disease (ab), 148: 893, 1983
Adams RB See Andriole JG
Adler OB; Rosemberger A; Peleg H: fine-needle aspiration biopsy of mediastinal masses: evaluation of 176 experiences, (AJR), 140: 893, 1983
Adloff M See Matter D
Adson MA See Ferrucci JT Jr
Afshani E: radiology of childhood leukemia and its therapy (brev rev), 148: 424, 1983
Afzelius L-E See Gotberg S
Agha FP See Amendola MA
Agha FP See Vade A
Agha FP: recurrent laryngeal nerve paralysis: a laryngographic and computed tomographic study, 148: 149, 1983
Ahlgren A See Pettersson H
Ahlgren RA See Reeves BF
Ahn HS; Rosenbaum AE; Allen GS; et al: occluded but nonthrombosed internal carotid artery: an indication for endarterectomy, (AJNR), 4: 286, 1983
Aisner J See Konits PH
Akai J See Fukamachi A
Albanese V; Tomassello F; Picozzi P; et al: paramedian hourglass epidermoid extending above and below the tentorium (ab), 148: 598, 1983
Albin AR See Stark DD
Alexander JA See Nanni GS
Alifidi RS See Cohen AM
Alifidi RS See El Yousef SJ
Ali A See Turner DA
Alker G; Kelly PJ; Kall B; et al: stereotaxic laser ablation of intracranial lesions, (AJNR), 4: 727, 1983

- Allen GS See Ahn HS
Allen JH See Eggers FM
Allen NB See Apple JS
Allen PS See Bradbury EM
Allman RM See Brower AC
Allman RM See McNeish LM
Almazan A See Garcia-Dorado D
Al-Nouri MB; Ford LE; Wix H: dimensional correlates of left ventricular dilation in the presence of hypertrophy (ab), 148: 891, 1983
Als W See Serur JR
Al-Sheikh W See Sfakianakis GN
Amendola MA; Vade A; Agha FP; et al: uroradiologic manifestations of portal hypertension, (AJR), 141: 355, 1983
Ammann A See Bundrick T
Ammann A; Brewer WH; Maull KI; et al: traumatic rupture of the diaphragm: real-time sonographic diagnosis, (AJR), 140: 915, 1983
Ammann W See Rosenthal L
Amon KW See Crawford MH
Amplatz K See Cragg AH
Amplatz K See Hunter DW
Amplatz K See Lund G
Amplatz K See Rholl KS
Amundsen P; Dugstad G; Presthus J; et al: randomized double-blind cross-over study of iohexol and Amipaque in cerebral angiography, (AJNR), 4: 342, 1983
Anderson RE See Miller FJ
Andreou J; George AE; Wiss A; et al: CT prognostic criteria of survival after malignant glioma surgery, (AJNR), 4: 488, 1983
Andrew WK; Thomas RG; Gollach BL: military tuberculosis of the liver—another cause of the "bright liver" on ultrasound examination (ab), 148: 347, 1983
Andriole JG; Haaga JR; Adams RB; Nunez C: biopsy needle characteristics assessed in the laboratory, 148: 659, 1983
Ang JGP: gamut: renal microaneurysms (including necrotizing angitis), (SR), 18: 169, 1983
Antes G; Lissner J: double-contrast small-bowel examination with barium and methylcellulose: results in 300 cases, 148: 37, 1983
Antonelli G See Iliceto S
Apple JS; Martinez S; Allen NB; Caldwell DS; Rice JR: occult fractures of the knee: tomographic evaluation, 148: 383, 1983
Applebaum EL See Mafee MF
Arafa NM; Fathi MM; Safwat M; et al: accuracy of ultrasound in the diagnosis of nonfunctioning kidneys (ab), 148: 604, 1983
Araki T See Itai Y
Araujo JC See Mazer S
Archer CR; Yeager VL: computed tomography of laryngeal cancer with histopathological correlation (ab), 148: 342, 1983
Arger PH See Mintz MC
Arger PH See Mulhern CB Jr
Arnold WC See Redman JF
Aronberg DJ See Weinstein JB
Arora S See Gellad F
- Babcock DS; Ball W Jr: postasphyxial encephalopathy in full-term infants: ultrasound diagnosis, 148: 417, 1983
Baciewicz F; Sparberg M; Lawrence JB; et al: adenocarcinoma of an ileostomy site with skin invasion: a case report (ab), 148: 875, 1983
Bacon BR See Stark DD
Badravi N See El-Tatawy S
Baert AL; Marchal GJ; Wilms GE; et al: comparative study of angiography and dynamic computed tomography in liver angioma (ab), 148: 599, 1983
Bainbridge MD See Wall LL
Bain DM: percutaneous transluminal coronary angioplasty: analysis of unsuccessful procedures as a guide toward improved results (ab), 148: 332, 1983
Baisden CE See Greenwald LV
Bajaj AK See Galichia JP
Bakody P See Stanley P
Baleriaux D See Sztenzel J
Baleriaux D; Noterman J; Ticket L: recognition of cervical soft disk herniation by contrast-enhanced CT, (AJNR), 4: 607, 1983
Balfe DM See DiSantis DJ
Balfe DM See Owen JW
Ball TI Jr See Atkinson GO Jr
Ball W Jr See Babcock DS
Ballinger W See Quisling RG

B

Balsam

- Balsam D See Crofford MJ
Baltarowich O See Paste ME
Baltaxe HA; Mooring P; Kugler J; et al: comparative hemodynamic effect of metrizamide and Renografin 76 in infants with congenital heart disease. (AJR), 140: 1097, 1983
Balthazar EJ See Subramanyan BR
Balthazar EJ; Lefleur R: abdominal complications of drug addiction: radiologic features. (SR), 18: 213, 1983
Bamberger J See Blankenhorn DH
Bandai Y See Makuchi M
Bandal K See Raval B
Banerjee AK See Dhir SP
Bang NU See Becker GJ
Bank ER; Thrall JH; Dantzer DR: radionuclide demonstration of intrapulmonary shunting in cirrhosis. (AJR), 140: 967, 1983
Banner MP See Rubenstein SE
Bannor KR; Braun IF; Pinto RS; et al: comparison of radiographic quality and adverse reactions in myelography with iopamidol and metrizamide. (AJNR), 4: 312, 1983
Barber FE See Patriquin HB
Barberem J: intraarterial infusion of urokinase in the treatment of acute pulmonary thromboembolism: preliminary observations. (AJR), 140: 883, 1983
Bardin JA See Mori KW
Barefield PA See Wessely MS
Barnes GT See Fraser RG
Barnes GT See Tesic MM
Barnes PA See Bernardino ME
Baron JC; Delattre JY; Bories J; et al: comparison study of CT and positron emission tomographic data in recent cerebral infarction. (AJNR), 4: 536, 1983
Baron RL; Stanley RJ; Lee JKT; et al: computed tomographic features of biliary obstruction. (AJR), 140: 1173, 1983
Barr JW See Hammerschlag SB
Barratt-Boyes BG See Sahn DJ
Barret MJ See Rodgers DM
Barrison IG See Spiller RC
Bartek S See Sacks BA
Bartram CI; Preston D; Lennard-Jones JE: "air enema" in acute colitis (ab). 148: 875, 1983
Basie BA See Swartz JD
Bass NM See Stark DD
Bassan JS; Glaser MG: bony metastases in carcinoma of the uterine cervix (ab). 148: 330, 1983
Bassett LW; Gold RH; Epstein HC: anterior hip dislocation: atypical superolateral displacement of the femoral head. (AJR), 141: 385, 1983
Baata M See Grossman HB
Batnitzyk S See Lee KR
Batnitzyk S; Price HI; Holden RW; et al: cervical internal carotid artery injuries due to blunt trauma. (AJNR), 4: 292, 1983
Bauer RS See Vahey TN
Baxter J See Schwartz JA
Baxter-Smith DC; Temple JC; Howarth F: palliative percutaneous transhepatic drainage for inoperable obstructive jaundice (ab). 148: 333, 1983
Bayle C See Vanel D
Beach JL See Mendiondo OA
Beachley MC See Cho S-R
Becker GJ See Eskridge JM
Becker GJ; Rabe FE; Hogan RD; Evan AP; Franklin TD; Holden RW; Bang NU; Dilley RS; Bendick PJ; Klatt EC: thrombolytic agents: effects of local infusion on microvascular physiology and macrovascular ultrastructure. 148: 403, 1983
Becker GJ; Rabe FE; Richmond BD; Holden RW; Yune HY; Dilley RS; Bang NU; Glover JL; Klatt EC: low-dose fibrinolytic therapy: results and new concepts. 148: 663, 1983
Beckman CF See Widrich WC
Beckman RL; Pittenger GL; Swanson DP; Thrall JH; Fiddian-Green RG: blood loss measured with indium-111-labeled red blood cells in dogs. 148: 243, 1983
Beeder C See Loh IK
Beeson JH; Duda EE: computed axial tomography scan demonstration of cerebral edema in eclampsia preceded by blindness (ab). 148: 337, 1983
Beggs IG; Stoker DJ: chondromyxoid fibroma of bone (ab). 148: 331, 1983
Behnke EE Jr: unilateral multiple benign mixed tumors of the parotid gland (ab). 148: 886, 1983
Beitler JC See Sigel B
Beitner JC See Machi J
Bekerman C See Ryo YU
Belanger B See Foley WD
Bellhausen B; Paunzer B; Blieden L; et al: intrauterine and postnatal atrial fibrillation in the Wolff-Parkinson-White syndrome (ab). 148: 348, 1983
Bell RD See Gross SG
Bell TK See Webb JAC
Bellotti E See Solbiati L
Bendel W See Cragg AH
Bendick PJ See Becker GJ
Benson M: rectus sheath haematoma simulating pelvic pathology: the ultrasound appearances (ab). 148: 348, 1983
Berche C; Mach J-P; Lumbruso J-D; et al: tomosintigraphy for detecting gastrointestinal and mediastinal thyroid cancers: first clinical results using radiolabelled monoclonal antibodies against carcinoembryonic antigen (ab). 148: 350, 1983
Berdon WE: should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? comment (L). 148: 576, 1983
Berenstein A: brachiocephalic vessel: selective and superselective catheterization. 148: 437, 1983
Berg BC: complementary roles of radionuclide and computed tomographic imaging in evaluating trauma. (SNM), 13: 86, 1983
Berg-Dammer E See Hake W
Bergeron RT See Reede DL
Bergerleiter R See Stoeter P
Bergstrand G See Ericson K
Bergstrand G See Hindmarsh T
Bergstrand G See Tampieri D
Bergstrand G; Larsson S; Bergstrom M; et al: cerebrospinal fluid circulation: evaluation by single-photon and positron emission tomography. (AJNR), 4: 557, 1983
Bergstrom K; Nyberg G; Pech P; et al: multiplanar spinal anatomy: comparison of CT and cryomicrotomy in postmortem specimens. (AJNR), 4: 590, 1983
Bergstrom M See Bergstrand G
Berkman WA See Price RB
Berkman WA; Harris SA Jr; Bernardino ME: nonsurgical drainage of splenic abscess. (AJR), 141: 395, 1983
Berkman WA; White RI Jr; Parandian BB: lysis of a chronic arterial occlusion with streptokinase. (AJR), 141: 403, 1983
Berland LL See Thorsen MK
Bernardino ME See Berkman WA
Bernardino ME See Lewis E
Bernardino ME See Price RB
Bernardino ME See Zornoza J
Bernardino ME; Barnes PA: imaging the pancreatic neoplasm (ab). 148: 601, 1983
Bernardino ME; Lewis E: imaging hepatic neoplasms (ab). 148: 599, 1983
Berne AS See Oliphant M
Bernhoft R See Moon KL Jr
Bernstein AD See Cacayorin ED
Berry TE See Mori KW
Berry TE See Riggs TW
Bettmann MA; Murray PD; Perlmutt LM; Whitmore WF III; Richie JP: ureteral anastomotic leaks: percutaneous treatment. 148: 95, 1983
Beyer D See Neufang KF
Beyer J See Gunther RW
Bhandari AK; Nanda NC; Hicks DG: two-dimensional echocardiography of intracardiac masses: echo pattern—histopathology correlation (ab). 148: 603, 1983
Biasco G See Illiceto S
Biasizzo E See Leonardi M
Bidabe A-M See Flores P
Bierman FZ See Sanders KP
Bigrigg JR See Lorman JG
Bilaniuk LT See Packer RJ
Biller HF See Som PM
Biller J See Carlis L
Binder S See Riss B
Bird AC See Gaudric A
Bird KJ Jr See Vick CW
Bird TD; Koerner RM; Leard BJ; et al: lipomembranous polycystic osteodysplasia (brain, bone, and fat disease): a genetic cause of presenile dementia (ab). 148: 595, 1983
Birnholz JC See Frigoletto FD Jr
Bishop AF; Desoutter JM; Murphy WA; et al: tumoral calcinosis: case report and review (ab). 148: 877, 1983
Bissonetti MB See Krudy AG
Bjarnardóttir B: progress in medical radiation physics. vol. I (bk rev). 148: 844, 1983
Bjersand AI: bone involvement pattern in hypervascular lesions (ab). 148: 877, 1983
Blanke H See Rentrop P
Blankenhorn DH; Chin HP; Strikwerda S; Bamberger J; Hestenes JD: common carotid artery contours reconstructed in three dimensions from parallel ultrasonic images. 148: 533, 1983
Blasczynski G See Phillips WC
Blatt ES See Ramirez H
Blei CL; Hartman DS; Friedman AC; et al: papillary renal cell carcinoma: ultrasonic/pathologic correlation (ab). 148: 604, 1983
Bleifeld W See Schofer J
Blendis LM See Colapinto RF
Blieden L See Bellhausen B
Bliss CM See Stambler JB
Blom JHM See Carpenter PJ
Blomqvist G See Widen L
Bluemke RG: direct intracranial sagittal and coronal CT scanning: anatomy and pathology. (AJNR), 4: 484, 1983
Blumberg ML See Scanlon MH
Blumhardt R; Grawcock G; Lasher JC: cortical necrosis in a renal transplant. (AJR), 141: 95, 1983
Bockenheimer SAM; Hillesheimer W: clinical experience with iopamidol for myelography. (AJNR), 4: 314, 1983
Bockenheimer SAM; Mathias K: percutaneous transluminal angioplasty in arteriosclerotic internal carotid artery stenosis. (AJNR), 4: 791, 1983
Bohor C; Greitz T; Kingsley D; et al: adjustable computerized stereotaxic brain atlas for transmission and emission tomography. (AJNR), 4: 731, 1983
Bolin N; Uy J; Kiessling M; et al: multiple acyl-CoA dehydrogenation deficiency (glutaric aciduria type II): congenital polyuria, kidneys, and symmetric warty dysplasia of the cerebral cortex in two newborn brothers. II. morphology and pathogenesis (ab). 148: 594, 1983
Bohrer SP: computed tomography in the evaluation of trauma (bk rev). 148: 778, 1983
Boice JD Jr See Kleinerman RA
Bonaldi G See Moschin L
Bonow RO; Kent KM; Rosing DR; et al: improved left ventricular diastolic filling in patients with coronary artery disease after percutaneous transluminal coronary angioplasty (ab). 148: 879, 1983
Bonstelle CT; Kori SH; Rekate H: intracarotid chemotherapy of glioblastoma after induced blood-brain barrier disruption. (AJR), 4: 810, 1983
Bonte FJ; Devous MD Sr; Stokely EM; et al: single-photon tomographic determination of regional cerebral blood flow in epilepsy. (AJNR), 4: 544, 1983
Bookstein J See Heeney D
Bookstein JJ See Mori KW
Borenstein S See Szczepiel J
Borgwardt B See Cragg AH
Bories J See Baron JC
Borkowski GP See Paushter DM
Borow KM; Propper R; Bierman FZ; et al: left ventricular end-systolic pressure-dimension relation in patients with thalassemia major (ab). 148: 346, 1983
Bosniak MA See Mitnick JS
Bosniak MA See Streiter ML
Bosniak MA See Subramanyan BR
Bouchard EA See Gobien RP
Boulos MI See Mann H
Boulter WV See Heilbrun MP
Boumphrey F See Modis MT
Bowers JH See Carpenter CM
Bowley NB See Jung RT
Boyd R See Kattapuram SV
Boyer AL; Fullerton GD; Mira JG: electron beam pseudocarc technique for irradiation of large areas of chest wall and other curved surfaces (ab). 148: 607, 1983
Bracci M See Savoardo M
Bradbury EM; Radda GK; Allen PS: nuclear magnetic resonance techniques in medicine (ab). 148: 887, 1983
Bradshaw JR; Thomson JLG; Campbell MJ: computed tomography in the investigation of dementia (ab). 148: 884, 1983
Brady TJ See Goldman MR
Brady TJ; Buonanno FS; Pykett IL; et al: preliminary clinical results of proton (¹H) imaging of cranial neoplasms: in vivo measurements of T₁ and mobile proton density. (AJNR), 4: 225, 1983
Brant-Zawadzki M See Lewitt PA
Brant-Zawadzki M See Yeates A
Brant-Zawadzki M; Davis PL; Crooks LE; et al: NMR demonstration of cerebral abnormalities: comparison with CT. (AJR), 140: 847, 1983
Brant-Zawadzki M; Enzmann DR; Placon RC Jr; et al: NMR imaging of experimental brain abscess: comparison with CT. (AJNR), 4: 250, 1983
Brasch RC See Stark DD
Braun IF See Bannon KR
Braunstein P See Vasquez TE
Bravo EL See Geisinger MA
Breatnach E See Fraser RG
Breatnach E; Kerr I: radiology of cryptogenic obliterative bronchiolitis (ab). 148: 328, 1983
Breaux SR See Perez CA
Breckle R See Ragazzino MW
Breiman RS See Effmann EL
Brennan JN; Diwan RV: ultrasonic diagnosis of primary hyperoxaluria in infancy: reply (L). 148: 578, 1983
Brennan ME See Doppman JL
Brennan MF See Doppman JL
Brenner DE; Whitley NO; Prempree T; et al: evaluation of the computed tomographic scanner for the staging of carcinoma of the cervix (ab). 148: 600, 1983

- Brennhoed IO See Vermund H
 Brewer WH See Ammann AM
 Brewer WH See Chan JCM
 Bridges RL See Vasquez TE
 Brill D See Schwartz JA
 Brill PW; Yandow DR; Langer LO; et al: congenital generalized fibromatosis (ab), 148: 882, 1983
 Brito A See Levy RM
 Brito A See Stark DD
 Brito AC See Moon KL Jr
 Britt RH See Lyons BE
 Brock G See Curry NS
 Brody SA See Rieth KG
 Brody WR See Burbank FH
 Brody WR See Enzmann DR
 Broggi G See Giorgi C
 Brooks RA See DeLaPaz RL
 Brooks RA See Di Chiro G
 Brooks RA See Patronas NJ
 Brotad FM See Martinez RO
 Brower AC See Downey EF Jr
 Brower AC; Allman RM: pencil pointing: a vascular pattern of deossification, (RG), 3: 315, 1983
 Brown B See Floyd BB
 Brown JB See O'Herrin C
 Brown JS See Kim EE
 Brühlmann W; Pouliakis G; Zollinger C; et al: arteriography of the penis in secondary impotence (ab), 148: 876, 1983
 Brunelle F; Kunstlinger F; Quillard J: endovascular electrocoagulation with a bipolar electrode and alternating current: a follow-up study in dogs, 148: 413, 1983
 Bryan PJ See Cohen AM
 Bryan RN; Lewis RA; Miller SL: choroidal osteoma, (AJNR), 4: 491, 1983
 Bryan RN; Miller SL; Roehm JOF Jr; et al: neuroangiography with iohexol, (AJNR), 4: 344, 1983
 Bryan RN; Willcott MR; Schneiders NJ; et al: NMR evaluation of stroke in the rat, (AJNR), 4: 242, 1983
 Bullen CL; Younge BR: chronic orbital myositis (ab), 148: 597, 1983
 Bündrich T; Cho S-R; Ammann A; et al: intraperitoneal carcinomatosis: incidence of its radiographic findings and description of a new sign (ab), 148: 875, 1983
 Bundy AL See Fleischer AC
 Bunnell WP See Labelle H
 Buonanno FS See Brady TJ
 Buonocore E See Paushier DM
 Burbank FH; Brody WR; Hall A; et al: quantitative in vivo comparison of six contrast agents by digital subtraction angiography (ab), 148: 592, 1983
 Buschmann W; Haigis W: ultrasonic tissue differentiation in small areas—the orbit as an example (ab), 148: 890, 1983
 Bussaka H See Takahashi M
 Butch RJ See Papanicolaou N
 Butt JH; Konishi F; Morson BC; et al: macroscopic lesions in dysplasia and carcinoma complicating ulcerative colitis (ab), 148: 876, 1983
 Buy J-N See Cooper C
 Bydder GM See Young IR
 Byrne WJ See Seibert JJ
 Byun KJC See Weissmann HS
- C
 Cayacorin ED See Tadmor R
 Cayacorin ED; Bernstein AD; Fruehan CT; et al: intravenous digital subtraction angiography with iohexol, (AJNR), 4: 329, 1983
 Cacciotti LR: oral radiology (bk rev), 148: 156, 1983
 Caillé J-M See Flores P
 Caldareno AG See Lee VW
 Caldicott WJH See Harvey LA
 Caldwell DS See Apple JS
 Calenoff L See Foley MJ
 Calenoff L; Neiman HL; Kaplan PE; et al: urosonography in spinal cord injury patients (ab), 148: 605, 1983
 Callahan JA; Wroblewski EM; Reeder GS; et al: echocardiographic features of carcinoid heart disease (ab), 148: 344, 1983
 Callen PW See Chin DH
 Callen PW See Jeffrey RB
 Callen PW See Sickles EA
 Campbell MJ See Bradshaw JR
 Campora SA; Troisi F; Fusco G; et al: voluminous intracranial chondroma (ab), 148: 338, 1983
 Canalis R See Johnson DW
 Cann CE See Genant HK
 Cann CE See Stark DD
 Caparros B See Urban C
 Capek V See Mantravadi RVP
 Caplan DB See Atkinson GO Jr
 Cappon MP: Rolls Royces and compacts: selection of radiological instrumentation (opin), 148: 863, 1983
- Cardella RG See Demos TC
 Carey PH See Coons HG
 Carlin L; Biller J; Challacombe V; et al: hypertrophic neuropathy with spinal cord compression (ab), 148: 338, 1983
 Carlson HC See Johnson CD
 Carlsson E See Palmer RG
 Carmody RF See Seeger JF
 Carmod RF; Seeger JF; Horsley WW; et al: digital subtraction angiography of glomus tympanicum and jugular tumors, (AJNR), 4: 263, 1983
 Caroline DF; Creteur V; Kressel HY; et al: verification of superficial biopsy sites by barium enema, (AJR), 140: 945, 1983
 Carpenter CM; Bowers JH; Luers PR; Dixon JA; Miller FJ: neodymium yttrium aluminum garnet laser treatment of hemobilia via a percutaneous catheter track, 148: 853, 1983
 Carpenter PJ; Schroeder FH; Blom JHM: transrectal ultrasonography in the followup of prostatic carcinoma patients (ab), 148: 348, 1983
 Carrera GF: atlas of radiology of rheumatic disorders (bk rev), 148: 646, 1983
 Carroll BA See Oppenheimer DA
 Carson SN See Palmar JC
 Castanam N See Theander G
 Cartwright D See Masel JP
 Casner P See Prokes W
 Casta D See Sapire DW
 Castaneda F See Lund G
 Castaneda-Zuniga WR See Cragg AH
 Castaneda-Zuniga WR See Hunter DW
 Castaneda-Zuniga WR See Lund G
 Castaneda-Zuniga WR See Rholl KS
 Castaneda-Zuniga WR See Smith AD
 Castroffo FP Jr: method for calculating linear attenuation coefficients for combinations of fat and muscle (L), 148: 865, 1983
 Ceballos R See Santamaría H
 Cefalo RC See Seeds JW
 Cellai E; Chiavacci A; Olmi P; et al: carcinoma of the nasopharynx (ab), 148: 341, 1983
 Cello JP See Thoeni RF
 Cerny P See Probst P
 Challinor V See Carlino L
 Chan JC See Post MJD
 Chan JC; Brewer WH; Still WJ: renal biopsies under ultrasound guidance: 100 consecutive biopsies in chf, (ren) (ab), 148: 882, 1983
 Chandler WF See Knake JE
 Chandraratna PA See Nanna M
 Charuzi Y; See Loh IK
 Chasin WD; Schrimpf R
 Chen DCP See Fanous HN
 Chen DS; Sheu JC; Sung JL; et al: small hepatocellular carcinoma—a clinicopathological study in thirteen patients (ab), 148: 347, 1983
 Chen JTT See Choyke PL
 Cheng C See Kuruc A
 Chervu LR See Chervu S
 Chervu S; Chervu LR; Goodwin PN; et al: thyroid uptake measurements with I-123: problems and pitfalls: concise communication (ab), 148: 893, 1983
 Chessells JM See Tiedemann K
 Chiavacci A See Cellai E
 Chiba Y; Takagi H; Nakajima F; et al: cerebrospinal fluid edema: a rare complication of shunt operations for hydrocephalus (ab), 148: 883, 1983
 Chin HP See Blankenhorn DH
 Chinn DH; Callen PW; Filly RA: lateral cerebral ventricle in early second trimester, 148: 529, 1983
 Chinn DH; Filly RA; Callen PW; Nakayama DK; Harrison MR: congenital diaphragmatic hernia diagnosed prenatally by ultrasound, 148: 119, 1983
 Chintapalli K; Thorsen MK; Foley WD; et al: abdominal abscesses with enteric communications: CT findings, (AJR), 141: 27, 1983
 Chiu L See Yiu-Chiu V
 Chlomelevsky D See Shellabarger CJ
 Cho S-R See Bündrich T
 Cho S-R See Maloney JJ
 Cho S-R; Tisnado J; Beachley MC; et al: percutaneous unknitting of intravascular catheters and retrieval of catheter fragments, (AJR), 141: 397, 1983
 Choyke PL; Sostman HD; Curtis AM; Ravin CE; Chen JTT; Godwin JD; Putman CE: adult-onset pulmonary tuberculosis, 148: 357, 1983
 Christmann D; Hauptmann G; Modest F; et al: recurrent acute pancreatitis due to hereditary angioneurotic edema (ab), 148: 592, 1983
 Chuang VP: hepatic tumor angiography: a subject review, 148: 633, 1983
 Churg J; Golden J; Fliegel S; et al: bronchopulmonary dysplasia in the adult (ab), 148: 874, 1983
 Ciattolo S; Pacini P: radiation therapy of recurrences of carcinoma of the rectum and sigmoid after surgery (ab), 148: 351, 1983
- Ciglay OS See Colbassani HJ Jr
 Ciglay OS See Orson LW
 Clain JE See DiMango EP
 Clark OH See Stark DD
 Clark WC; Robertson JH; Lara R: chondroid chordoma (ab), 148: 884, 1983
 Clarke E See Pirtle T
 Clarke NMP; Harrison MHM: painful sequelae of coxa plana (ab), 148: 878, 1983
 Clayton RV See Smith AD
 Cleveland RH; Kushner DC; Schwartz AN: gasto-esophageal reflux in children: results of a standardized fluoroscopic approach, (AJR), 141: 53, 1983
 Coates RK See Pexman JHW
 Cobb RE See Colemen RE
 Cochran DD; Myles ST: management of intracranial hydrocephalus (ab), 148: 604, 1983
 Cockshott WP: Rolls Royces or compacts? selection of radiological instrumentation (opin), 148: 862, 1983
 Codd JE See George EA
 Cohen AJ See Cyriak D
 Cohen AM; Creviston S; LiPuma JP; Bryan PJ; Haaga JR; Alfidi RJ: NMR evaluation of hilar and mediastinal lymphadenopathy, 148: 739, 1983
 Cohen C See Lee VW
 Cohen C: emphysematous pyelonephritis (ab), 148: 888, 1983
 Cohen C; Tobias R; Kottler RE: tuberculosis of the distal colon (ab), 148: 590, 1983
 Cohen ES See Crawford ES
 Cohen MA See Edeiken BS
 Cohen MD: nonionic and dimeric ionic contrast agents: reply (L), 148: 319, 1983
 Cohen WA See Rosenblum S
 Colapinto RF; Blendis LM: liver biopsy through the transjugular approach: modification of instruments, 148: 306, 1983
 Colbassani HJ Jr; Feller WF; Ciglay OS; et al: mammographic and pathologic correlation of microcalcification in disease of the breast (ab), 148: 331, 1983
 Colby MY Jr See DeWeerd JH
 Cole-Begleit C See Pasto ME
 Coleman BG See Mulhern CB Jr
 Coleman CC See Hunter DW
 Coleman RE; Jaszcak RJ; Cobb FR: comparison of 180° and 360° data collection in thallium-201 imaging using single-photon emission computerized tomography (SPECT): concise communication (ab), 148: 606, 1983
 Coll de Tuero G See Martinez RO
 Colletti PJ See Horowitz M
 Collins PJ See Horowitz M
 Cone RO; Resnick D; Goergen TG; et al: condensing osteitis of the clavicle, (AJR), 141: 387, 1983
 Conlan AA See Hatzitheofilou C
 Connolly E See Merritt CRB
 Contesso G See Vanel D
 Conway JJ: should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? comment (L), 148: 574, 1983
 Cook DJ See Horowitz M
 Coons HG; Carey PH: large-bore, longillary endoprostheses (biliary stents) for improved drainage, 148: 89, 1983
 Cooper C; Moss AA; Buy J-N; et al: CT appearance of the normal inferior pulmonary ligament, (AJR), 141: 237, 1983
 Cooper PW; Kassel EE; Gruss JS: high-resolution CT scanning of facial trauma, (AJNR), 4: 495, 1983
 Cooper RA; Jakaboni R; Pieters CH: fertility rate after hysterosalpingography with Sinogram, (AJR), 141: 105, 1983
 Cooperberg PL See Jenkins M
 Corbett J See Nicod P
 Cordes U See Gunther RW
 Cordoni-Voutsas M See Glauert D
 Corrales M; del Villar S; Hevia R; et al: sonography of the posterior fossa, (AJNR), 4: 665, 1983
 Coscas G See Gaudric A
 Couanet D See Vanel D
 Coughlia CT; Douple EB; Strohbehn JW; Eaton WL Jr; Tremby BS; Wong TZ: interstitial hyperthermia in combination with brachytherapy, 148: 285, 1983
 Coulon R See Merritt CRB
 Courant-Witmer G; Gagnadoux MF; Lebon P; et al: osteonecrosis due to aluminum toxicity (ab), 148: 882, 1983
 Coussment A: nonionic and dimeric ionic contrast agents (L), 148: 318, 1983
 Cowell HR; Elener V; Lawhon SM: bilateral tendonitis of the flexor hallucis longus in a ballet dancer (ab), 148: 591, 1983
 Cowley AR: Dyke award: influence of fiber tracts on the CT appearance of cerebral edema: anatomic-pathologic correlation, (AJNR), 4: 915, 1983
 Cox GG See Lee KR
 Cragg A; Einzig S; Rysavy J; et al: effect of aspirin on angioplasty-induced vessel wall hyperemia, (AJR), 140: 1233, 1983

Cragg

- Cragg AH See Lund G
Cragg AH See Rholz KS
Cragg AH; Einzig S; Rysavy JA;
Castaneda-Zuniga WR; Borgwardt B;
Amplatz K: vasa vasorum and angioplasty, **148**:
75, 1983
Cragg AH; Rosel P; Rysavy JA; Rholz KS;
Bendel W; Vlodaver Z; Castaneda-Zuniga WR;
Amplatz K: renal ablation using hot contrast
medium: an experimental study, **148**: 683, 1983
Cramer B See de Lacey G
Craneley K See Webb JAC
Crawford ES; Cohen ES: aortic aneurysm: a
multifocal disease (ab), **148**: 329, 1983
Crawford MH; Amon KW; Vance WS: exercise 2-
dimensional echocardiography: quantitation of
left ventricular performance in patients with
severe angina pectoris (ab), **148**: 891, 1983
Crawford MJ See Krecke CF
Crelin ES See Sarwar M
Crepps LF See Wolverson MK
Creteur V See Caroline DF
Creus AS See Arzua E
Creviston S See Cohen AM
Croce F See Solbiati L
Croxford MJ; Balsam D: scrotal migration of
ventriculo-peritoneal shunts, (*AJR*), **141**: 369,
1983
Croft BY See Teates CD
Cromwell LD; Harris AB: treatment of cerebral
arteriovenous malformations: combined
neurosurgical and neuroradiologic approach,
(*AJR*), **4**: 366, 1983
Cronenwett JL; Garrett HE: arteriographic
measurement of the abdominal aorta, iliac, and
femoral arteries in women with atherosclerotic
occlusive disease, **148**: 389, 1983
Cronqvist SE; Kullberg G: stereotaxic lesion as a
model of brain edema, (*AJR*), **4**: 722, 1983
Crooks LE See Brant-Zawadzki M
Crooks LE See Herfkens RJ
Crooks LE See Kaufman L
Crooks LE See London DA
Crooks LE See Moon KL Jr
Cropper LD Jr; Gold RE: simplified brush biopsy of
the bile ducts, **148**: 307, 1983
Crues JV III See Stein MC
Cueto-Garcia L; Herrera J; Arriaga J; et al:
echocardiographic changes after successful
renal transplantation in young nondiabetic
patients (ab), **148**: 891, 1983
Cunningham JJ: case of the summer season:
encysted hydrocele of the spermatic cord filled
with cholesterol crystals, (*U*), **4**: 69, 1983
Cunningham JJ: sonographic diameter of the
common hepatic duct in sickle cell anemia,
(*AJR*), **141**: 321, 1983
Cunningham LF: Merrill's atlas of radiographic
positions and radiologic procedures, fifth
edition (bk rev), **148**: 374, 1983
Curry NS; Brock G; Metcalf JS; et al: hyperdense
renal mass: unusual CT appearance of a benign
renal cyst (ab), **148**: 600, 1983
Curtis AM See Choyke PL
Curtis DJ See Downey EF Jr
Curtis DJ; Downey EF Jr: simple first
metacarpophalangeal stress test, **148**: 855, 1983
Curtis DJ; Sepulveda GU: epiglottic motion: video
recording of muscular dysfunction, **148**: 473,
1983
Curtis RE See Kleinerman RA
Cyrlak D; Cohen AJ; Dana ER: esophagoperitoneal
fistula: causes and radiographic features, (*AJR*),
141: 177, 1983
- Dabir K See Fiebach JO
Dachman AH; Lichtenstein JE; Friedman AC; et al:
review, infantile hemangiopericytoma of the
liver: a radiologic-pathologic-clinical
correlation, (*AJR*), **140**: 1091, 1983
Daffner RH See Gehweiler JA Jr
Dale RG: Monte Carlo derivation of parameters for
use in the tissue dosimetry of medium and low
energy nuclides (ab), **148**: 896, 1983
Dalla Palma L; Rossi M; Stacul F; et al: iopamidol in
urography (ab), **148**: 330, 1983
Dallamand S; Waxman MR; Farman J: radiological
manifestations of Strongyloides stercoralis (ab),
148: 875, 1983
D'Alton JG See Ackerman RH
Dan SJ See Mitty HA
Dan SJ; Efremidis SC; Train JS; et al: equivocal
lymphogram and lymph node aspiration:
importance in staging carcinoma of the prostate
(ab), **148**: 590, 1983
Dana ER See Cyrlak D
Daniels DL See Williams AL
Daniels E See Heeney D
Dantzker DR See Bank ER
Danziger A See Glatt SL
- Danziger W See Gado M
Das Gupta DS See Quertermous T
Davey LM See Taylor CR
David E; van Kaick G; Ikinger U; et al: detection of
neoplastic lymph node involvement in the
retroperitoneal space (ab), **148**: 343, 1983
David PR; Waters DD; Scholl J-M; et al:
percutaneous transluminal coronary angioplasty
in patients with variant angina (ab), **148**: 332,
1983
Davies D See Ward MJ
Davies P: urographic appearances in renal failure
due to intraluminal ureteric obstruction (ab),
148: 331, 1983
Davis KR See Ackerman RH
Davis KR See Debrun GM
Davis KR See Momose KJ
Davis PC; Hoffman JC Jr: intra-arterial digital
subtraction angiography: evaluation in 150
patients, **148**: 9, 1983
Davis PL See Brant-Zawadzki M
Davis PL See London DA
Davis PL See Moon KL Jr
Dawson S; Papanicolaou N; Mueller PR; et al:
preserving access during percutaneous
catheterization using a double-guide-wire
technique, (*AJR*), **141**: 407, 1983
Dawson SL; Neff CC; Mueller PR; et al: fatal
hemothorax after inadvertent transpleural
biliary drainage, (*AJR*), **141**: 33, 1983
Dawson WT See Vujic I
Dayal Y See Elta GH
Debas HT See Stabile BE
de Boni DP See Starkey IR
Debrun GM See Vinuela FV
Debrun GM: treatment of traumatic carotid-
cavernous fistula using detachable balloon
catheters, (*AJR*), **4**: 355, 1983
Debrun GM; Davis KR; Hochberg FH:
superselective injection of BCNU through a
latex calibrated-leak balloon, (*AJR*), **4**: 399,
1983
Deck M See Maravilla KR
de Crespigny LC; Robinson HP: anatomical bases
for the ultrasound diagnosis of
cerebroventricular hemorrhage and its sequelae
(ab), **148**: 889, 1983
DeFilipp G; Pinto RS; Lin JP; Kricheff II:
intravenous digital subtraction angiography in
the investigation of intracranial disease, **148**:
129, 1983
Deisenhammer E; Hammer B: unilateral ventricular
reflux and asymmetric ventricular distribution
of intrathecally introduced contrast medium or
tracer, (*AJR*), **4**: 564, 1983
de Lacy G; Wilkins R; Cramer B; et al: accuracy of
the plain abdominal radiograph in assessing
colonic fecal contamination (ab), **148**: 876, 1983
DeLand FH See Shih W-J
DeLaPaz RL See Di Chiro G
DeLaPaz RL See Patronas NJ
DeLaPaz RL; Patronas NJ; Brooks RA; et al:
positron emission tomographic study of
suppression of gray-matter glucose utilization
by brain tumors, (*AJR*), **4**: 826, 1983
Delattre JY See Baron JC
de Leon MJ; Ferris SH; George AE; et al: positron
emission tomographic studies of aging and
Alzheimer disease, (*AJR*), **4**: 568, 1983
de Leon MJ; George AA; Ferris SH; et al: regional
correlation of PET and CT in senile dementia of
the Alzheimer type, (*AJR*), **4**: 553, 1983
deLormier AA See Stark DD
Delvert JC See Moret J
del Villar S See Corrales M
Demico WA; Fanburg BL: sarcoidosis presenting as
a lobar or unilateral lung infiltrate (ab), **148**: 328,
1983
Demos TC; Cardella RG; Moncada R; et al:
epicardial fat sign due to extrapericardial
disease, (*AJR*), **141**: 289, 1983
Demos TD; Cadow K; Love L; et al: rim
nephrogram in renovascular compromise (ab),
148: 876, 1983
De Nigris E See Graziani L
Dennis JB; Winzelberg GG: gamut: cardiac
imaging—decrease in the left ventricular
ejection fraction after exercise, (*SNM*), **13**: 292,
1983
Dennis JB; Winzelberg GG: gamut: cardiac
imaging—diminished resting left ventricular
ejection fraction, (*SNM*), **13**: 290, 1983
Dent DM See Schmehmann JD
Derbekyan V See Lisbona R
de Roos A; Op den Orth JO: linear niches in the
duodenal bulb, (*AJR*), **140**: 941, 1983
Desai KK See Peters JC
deSantos LA; Edeiken B: purely lytic osteosarcoma
(ab), **148**: 889, 1983
Deshler TW See Mendelson EB
Deschier TW See Sider L
Destout JM See Bishop AF
Deutsch AL See van Sonnenberg E
Devous MD SR See Bonte FJ
- DeWeerd JH; Colby MY Jr; Segura JW; et al:
invasive bladder carcinoma managed by
irradiation and surgery (ab), **148**: 351, 1983
Dhir SP; Joshi AV; Banerjee AK: radiation
retinopathy in diabetes mellitus (ab), **148**: 340,
1983
Diameter MJ: should the radionuclide skeletal
survey be used as a screening procedure in
suspected child abuse victims? (L), **148**: 573,
1983
DiCarlo LA Jr; Schiller NB; Herfkens RL; et al:
noninvasive detection of proximal pulmonary
artery thrombosis by two-dimensional
echocardiography and computerized
tomography (ab), **148**: 345, 1983
Di Chiro G; DeLaPaz RL; Brooks RA; et al: glucose
utilization of cerebral gliomas measured by [¹⁸F]-
fluorodeoxyglucose and positron emission
tomography (ab), **148**: 595, 1983
Diefenbach P See Ganti SR
Diepp PA See Watt I
Dietze K See Vogelsang H
Dietz WH Jr; Gross WL; Kirkpatrick JA Jr: Blount
disease (tibia vara): another skeletal disorder
associated with childhood obesity (ab), **148**: 336,
1983
Di Guglielmo L; Montemartini C; Vadala G; et al:
role of computed tomography in the diagnosis
of intracardiac thrombi (ab), **148**: 342, 1983
Dihlmann W: CT analysis of the upper end of the
femur: the asterisk sign and ischaemic bone
necrosis of the femoral head (ab), **148**: 889, 1983
Dilley RB See Mori KW
Dilley RS See Becker GJ
Di Lorenzo N; Fortuna A; Guidetti B:
craniovertebral junction malformations (ab),
148: 886, 1983
DiMagno EP; Regan PT; Clain JE; et al: human
endoscopic ultrasonography (ab), **148**: 347, 1983
Dines KA; Fry FJ; Patrick JT; et al: comparison of
computed sonographic tomography and pulse-
echo imaging in the head, (*AJR*), **4**: 675, 1983
Dionne J See Taillefer R
DiPietro M See Patriquin HB
Dippe SM See Levy JM
DiSantis DJ; Balfe DM; Koehler RE; et al: barium
examination of the pharynx after vertical
hemilaryngectomy, (*AJR*), **141**: 335, 1983
DiSessa TG; Zednikova M; Hiraishi S;
Jarmakanji JM; Higgins CB; Friedman WF:
cardiovascular effects of metrizamide in infants,
148: 687, 1983
Disney APS See Lai KN
Ditscherlein G See Stoesslein F
Dittman WI: pharmacangiography in the diagnosis
of tumors (bk rev), **148**: 658, 1983
Diwan RV See Brennan JN
Dixon JA See Carpenter CM
Dixon S; Pais O; Raviola C; et al: natural history of
nonstenotic, asymptomatic ulcerative lesions of
the carotid artery (ab), **148**: 329, 1983
Dohrmann GJ See Rubin JM
Doi K See Ishida M
Dombrowski H See Schwerk WB
Donati RM See George EA
Donnelly KJ See Mori KW
Donnerstein RL See Kleinman CS
Done RF; Rieth KG; Gorden P; et al: size and
erosive features of the sella turcica in
acromegaly as predictors of therapeutic
response to supervoltage irradiation (ab), **148**:
895, 1983
Doppman J See Pevsner PH
Doppman JL See Krudy AG
Doppman JL See Nussbaum AJ
Doppman JL; Krudy AG; Brennan MF; et al: CT
appearance of enlarged parathyroid glands in the
posterior superior mediastinum (ab), **148**:
601, 1983
Doppman JL; Krudy AG; Marx SJ; Axe A;
Schneider P; Norton JA; Spiegel AM;
Downs RW; Schaaf M; Brennan ME;
Schneider AB; Aurbach GD: aspiration of
enlarged parathyroid glands for parathyroid
hormone assay, **148**: 31, 1983
Dorfij GJ See Rose HD
Dorfman HD See McCarthy EF
Dorovini-Zis K See Hildenbrand PG
Dory MA: arthrography of the cervical facet joints,
148: 379, 1983
Dotter CT; Israel Steinberg, M.D. (L), **148**: 577, 1983
Dotter CT: vascular catheterization using a rigid
guide, **148**: 305, 1983
Douph EB See Coughlin CT
Downey EF Jr See Curtis DJ
Downey EF Jr See Weinstein ZR
Downey EF Jr; Curtis DJ; Brower AC: unusual
dislocations of the shoulder, (*AJR*), **140**: 1207,
1983
Downs RW See Doppman JL
Downs RW See Krudy AG

- D**räger B; Jaszcak R; Friedman A; et al: in vivo quantitation of regional cerebral blood flow in glioma and cerebral infarction: validation of the HIPDM-SPECT method. (*AJR*, 4: 572, 1983)
- Drayer BP; Friedman A; Osborne D; et al:** anatomic applications of xenon-enhanced CT scanning: visual image analysis and brain-blood partition coefficient studies in man. (*AJR*, 4: 577, 1983)
- Dreisbach JN; Seiberl CE; Smazal SF; et al:** duplex sonography in the evaluation of carotid artery disease. (*AJR*, 4: 678, 1983)
- Drinkovic N:** substernal M-mode echocardiography of the right atrial wall in the diagnosis of cardiac arrhythmias (ab), *148*: 344, 1983
- Drobac M** See Howard RJ
- Droegge RT; Wiener SN; Reszotarski MS;** Holland GN; Young IR: nuclear magnetic resonance (NMR): a gray scale model for head images. *148*: 763, 1983
- Druy EM** See Tievens AL
- Druy EM; Gharib M; Finder CA:** percutaneous nephroureteral drainage and stenting for poststrigual ureteral leaks. (*AJR*, 141: 389, 1983)
- Dubbins PA** See Pasto ME
- Dublin AB** See Parks RE
- Dublin AB; McGahan JP; Lantz BMT; et al:** carotid blood flow response to Conray-60: diagnostic implications. (*AJR*, 4: 274, 1983)
- Dubois P** See Osbourne D
- dou Boulay GH; Ruiz JS; Rose FC; et al:** CT changes associated with migraine. (*AJR*, 4: 472, 1983)
- dou Boulay GH; Teather DJ; Wills KC:** CT to enhance or not to enhance? a computer-aided study. (*AJR*, 4: 421, 1983)
- Dubowitz V** See Heckmann JZ
- Dubrow RA; Frank PH:** barium evaluation of anal canal in patients with inflammatory bowel disease. (*AJR*, 140: 1151, 1983)
- Duchesneau PM** See Modic MT
- Duchesneau RH** See El Yousef SJ
- Duckett JW Jr; See Hoover DL**
- Duda EE** See Beeson JH
- Dugstad G** See Amundsen P
- Duhaim M** See Labelle H
- Duick GF** See Galichia JP
- Dumez Y** See Vallancen G
- Dunbar JS** See Strife JL
- Duncan WJ; Rowe RD; Freedom RM; et al:** space-occupying lesions of the myocardium: role of two-dimensional echocardiography in detection of cardiac tumors in children (ab), *148*: 594, 1983
- Dunlap TE; Sorkin RP; Mori KW; et al:** massive organized intraperitoneal hematoma mimicking constrictive pericarditis (ab), *148*: 602, 1983
- Dunn WL** See Wahner HW
- Dunnick NR; Korobkin M:** computed tomography of the adrenal gland in hypertension (ab), *148*: 343, 1983
- Dworkin B; Lightdale CJ; Weingrad DN; et al:** primary gastric lymphoma (ab), *148*: 351, 1983
- Dwyer SJ III** See Lee KR
- E**
- Earnest F IV** See James EM
- Eaton WL Jr** See Coughlin CT
- Eckhauser FE** See Lazar HL
- Edeiken J** See de Santos LA
- Edeiken BS; Libshitz HI; Cohen MA:** slipped proximal humeral epiphysis: a complication of radiotherapy to the shoulder in children (ab), *148*: 883, 1983
- Edelman RR; Weintraub R; Paulin S:** coarctation of the aorta with right aortic arch of the mirror-image type. (*AJR*, 140: 1135, 1983)
- Edwards MK; Gilmor RL; Franco JM:** computed tomography of chiasmal optic neuritis. (*AJR*, 4: 816, 1983)
- Edwards MSB** See Gooding GAW
- Effmann EL; Ravin CE; Breiman RS; et al:** comparison of CT localization radiography and high-kilovoltage chest radiography. (*AJR*, 140: 1115, 1983)
- Efremidis SC** See Dan SJ
- Egeland H; Vilhelmsen R; Mortensen SA:** ischemic and postischemic ventricular wall motion abnormalities in Prinzmetal's angina provoked by hyperventilation (ab), *148*: 346, 1983
- Eggers FM; Price AC; Allen JH; et al:** neuroangiographic applications of intraarterial digital subtraction angiography. (*AJR*, 4: 854, 1983)
- Ehrenfeld WK** See Lusby RJ
- Ehrlich GW; Genant HK; Kolb FO:** secondary hyperparathyroidism and brown tumors in a patient with gluten enteropathy. (*AJR*, 141: 381, 1983)
- Ehrlich MG** See Jupiter JB
- Einzig S** See Cragg A
- Einzig S** See Cragg AH
- Ekelund L** See Herrlin K
- Ekelund L; Herrlin K; Rydholm A:** computed tomography of intramuscular myxoma (ab), *148*: 888, 1983
- Elkman P** See Ohlson H
- El Bishlawy A** See El-Tawawy S
- Eldevik OP:** elimination of metrizamide from the spinal subarachnoid space: a study of patients with abolished intracranial circulation. (*AJR*, 4: 585, 1983)
- Eldevik OP; Nakstad P; Kendall BE; et al:** iohexol in lumbar myelography: preliminary results from an open, noncomparative multicenter clinical study. (*AJR*, 4: 299, 1983)
- Elener V** See Cowell HR
- Elkayam U** See Meltzer P
- Elfless RD** See Ragazzozino MW
- Filis MC; Gordon L; Gobien RP; et al:** traumatic lymphocele: demonstration by lymphoscintigraphy with modified ^{99m}Tc sulfur colloid. (*AJR*, 140: 973, 1983)
- Ellison HP** See Sacks BA
- Elman A** See Meyer JE
- Elmusr S** See King RJ
- El-Sherief MA; Hemmingsson A:** computed tomography of the normal adrenal gland (ab), *148*: 601, 1983
- Esperger KJ** See Mikell FL
- Elta GH; Fawaz KA; Dayal Y; et al:** chronic erosive gastritis—a recently recognized disorder (ab), *148*: 875, 1983
- El-Tawawy S; Badravi N; El Bishlawy A:** cerebral atrophy in infants with protein-energy malnutrition. (*AJR*, 4: 434, 1983)
- El-Tawawy S; Shukry AS; Badravi N; et al:** CT of the normal brain in preterm infants. (*AJR*, 4: 685, 1983)
- El Yousef SJ; Alfidi RJ; Duchesneau RH; et al:** initial experience with nuclear magnetic resonance (NMR) imaging of the human breast (ab), *148*: 602, 1983
- Emde H; Piepgros U:** percutaneous injection of metrizamide into spinal cord cysts for preoperative diagnosis of syringomyelia. (*AJR*, 4: 622, 1983)
- Emory TH; Reine DK; Hill AL; et al:** use of CT to reduce understaging in prostatic cancer: comparison with conventional staging techniques. (*AJR*, 141: 351, 1983)
- Engel PJ; Hon H; Fowler NO; et al:** echocardiographic study of right ventricular wall motion in cardiac tamponade (ab), *148*: 345, 1983
- Enzmann DR** See Brant-Zawadzki M
- Enzmann DR** See Lyons BE
- Enzmann DR; Brody WR; Riederer S; et al:** intracranial intravenous digital subtraction angiography (ab), *148*: 339, 1983
- Epstein BM; Omar GM:** infective complications of splenic trauma (ab), *148*: 888, 1983
- Epstein HC** See Bassett LW
- Ericson K** See Hindmarsh T
- Ericson K; Bergstrand G:** computed orbital phlebography of the cavernous sinuses. (*AJR*, 4: 745, 1983)
- Eskridge JM; Becker GJ; Rabe FE; Holden RW; Klatt EC:** digital vascular imaging: practical aspects. *148*: 703, 1983
- Esper RJ:** detection of mild aortic regurgitation by range-gated pulsed Doppler echocardiography (ab), *148*: 347, 1983
- Ettinger B** See Genant HK
- Euler AR** See Seibert JJ
- Evan AP** See Becker GJ
- Evans JH** See O'Herrity C
- Evans ME; Haynes JB; Atkinson JB; et al:** Blastomycosis dermatitidis and the adult respiratory distress syndrome (ab), *148*: 589, 1983
- Everhart FR Jr** See Jamai WK
- Evill CA** See Sage MR
- F**
- Fabre N** See Adam P
- Fabis G** See Leonardi M
- Faerber EN; Swartz JD:** heterotopic pharyngeal brain. (*AJR*, 4: 989, 1983)
- Fagelman D** See Mendelsohn SL
- Falk RH** See Lee VV
- Falko JM** See Hill SA
- Falzgraf S** See Garcia-Dorado D
- Fanburg BL** See Demico WA
- Fanous HN; Jevitch MJ; Chen DCP; et al:** radioisotope penogram in diagnosis of pulsatile vasculogenic impotence (ab), *148*: 350, 1983
- Farid NA; White SM; Heck LL; Van Hove ED:** ^{99m}Tc-labeled leukocytes: preparation and use in identification of abscess and tissue resection. *148*: 827, 1983
- Farmar J** See Dalleme S
- Fataar S; Schulman A:** small-bowel obstruction masking synchronous large-bowel obstruction: a need for emergency barium enema. (*AJR*, 140: 1159, 1983)
- Fathi MM** See Arafa NM
- Fauci AS; Haynes BF; Katz P; et al:** Wegener's granulomatosis: prospective clinical and therapeutic experience with 85 patients for 21 years (ab), *148*: 874, 1983
- Favila MQ** See Vordermark JS II
- Fawaz KA** See Elta GH
- Feczkó PJ; Simms SM; Iorio J; et al:** gastroduodenal response to low-dose glucagon. (*AJR*, 140: 935, 1983)
- Federle MP** See Jeffrey RB
- Federle MP** See Karasawa E
- Federle MP** See Moon KL Jr
- Federle MP** See Stark DD
- Federle MP; Jeffrey RB Jr:** hemoperitoneum studied by computed tomography. *148*: 187, 1983
- Feigin DS** See Hughson WG
- Fein AB; Godwin JD; Moore AV; et al:** systemic artery-to-pulmonary vascular shunt: a complication of closed-tube thoracostomy. (*AJR*, 140: 917, 1983)
- Fein AM; Lippmann M; Holtzman H; et al:** risk factors, incidence, and prognosis of ARDS following septicemia (ab), *148*: 873, 1983
- Feldberg MAM** See van Waes PFGM
- Feldberg MAM; Koehler PL; van Waes PFGM:** psoa compartment disease studied by computed tomography: analysis of 50 cases and subject review. *148*: 505, 1983
- Feldon SE; Weiner JM:** clinical significance of extraocular muscle volumes in Graves' ophthalmopathy (ab), *148*: 341, 1983
- Feller WF** See Colbassian HJ Jr
- Fellows GJ** See Mitchell A
- Ferrill LD** See Lusby RJ
- Ferris SH** See de Leon MJ
- Ferrone S** See Ghosh T
- Ferrucci JT Jr** See van Sonnenberg E
- Ferrucci JT Jr; Adson MA; Mueller PR; et al:** advances in the radiology of jaundice: a symposium and review. (*AJR*, 141: 1, 1983)
- Fetelli MR** See Mawad ME
- Fiddian-Green RG** See Beckman RL
- Fiebach BJO; Dabir K; Hermie P; et al:** cerebral CT in fatal courses of resuscitated sudden infant death. (*AJR*, 4: 689, 1983)
- Filly RA** See Chinn DH
- Filly RA** See Moon KL Jr
- Filly RA** See Sickles EA
- Filly RA** See Wong WS
- Finder CA** See Drury EM
- Finder CA; Love L; Rich JI:** blind ending ureters—clinical significance? (ab), *148*: 591, 1983
- Fiori DL** See Zuccarello M
- Firooznia H** See Leitman BS
- Firooznia H; Golimbu C; Rafii M; et al:** radiology of musculoskeletal complications of drug addiction. (*SR*, 18: 198, 1983)
- Fischer HW** See Morris TW
- Fisher CM:** hydrocephalus as a cause of disturbances of gait in the elderly (ab), *148*: 596, 1983
- Fisher MR** See Mendelson EB
- Fisher RS; Steizer F; Rock E; et al:** abnormal gallbladder emptying in patients with gallstones (ab), *148*: 350, 1983
- Fishman EK** See Jones B
- Fishman M** See Mintz MC
- Fitz CR** See Pettersson H
- Flament-Durand J** See Hildebrand J
- Flannigan BD; Gomes AS; Stambuk EC; Lois JF; Pais OS:** intra-arterial digital subtraction angiography: comparison with conventional hepatic arteriography. *148*: 17, 1983
- Fleischer AC; Muhletaler CA; Reynolds VH; Machin JE; Thieme GA; Bundy AL; Winfield AC; James AE Jr:** palpable breast masses: evaluation by high frequency, hand-held real-time sonography and xeromammography. *148*: 813, 1983
- Fletcher JW** See George EA
- Fligiel S** See Churg A
- Flodmark P:** case of the summer season: spontaneous fistula between the esophagus and left atrium. (*SR*, 18: 171, 1983)
- Floras P; Bidabe A-M; Caillé J-M; et al:** double-blind study of effects of enkephalinase inhibitor on adverse reactions to meyography. (*AJR*, 4: 653, 1983)
- Floyd BD; Brown B; Isaacs H; et al:** pseudoehematoid nodule involving the orbit (ab), *148*: 334, 1983
- Foale RA; Gibson TC; Guyer DE; et al:** congenital aneurysms of the left atrium: recognition by cross-sectional echocardiography (ab), *148*: 346, 1983
- Foley MJ; Calenoff L; Hendrix RW; et al:** thoracic and lumbar spine fusion: postoperative radiologic evaluation. (*AJR*, 141: 373, 1983)
- Foley WD** See Chintapalli K
- Foley WD** See Thorsen MK
- Foley WD; Keyes GS; Smith DF; Belanger B; Sieb LE; Lawson TL; Thorsen MK; Stewart ET:** temporal energy hybrid subtraction in intravenous digital subtraction angiography. *148*: 265, 1983

Folger

- Folger WN See Wiebers DO
 Fontana RS See Muhm JR
 Foo D See Rossier AB
 Foote GA: pre-employment radiography of the lumbosacral spine (ab), 148: 331, 1983
 Forbes G; Gorman CA; Gehring D; et al: computer analysis of orbital fat and muscle volumes in Graves ophthalmopathy, (AJNR), 4: 737, 1983
 Forbes GS See James EM
 Forbes GS See Wiebers DO
 Ford LE See Al-Nouri MB
 Fordham EW See Turner DA
 Forno LS See LeWitt PA
 Fortuna A See Di Lorenzo N
 Foucar E; Williamson RA; Yiu-Chiu V; et al: mesenchymal hamartoma of the liver identified by fetal sonography, (AJR), 140: 970, 1983
 Fournier E See Wallaert B
 Fowler NO See Engel PJ
 Fox AJ See Omojola MF
 Fox AJ See Vinuela FV
 Francis IR See Gross BH
 Franco JM See Edwards MK
 Frank PH See Dubrow RA
 Frank PH See Ishida M
 Franklin TD See Becker GJ
 Fraser RG; Breathnach E; Barnes GT: digital radiography of the chest: clinical experience with a prototype unit, 148: 1, 1983
 Freedman RM See Duncan WJ
 Freedman RM See Sahn DJ
 Freeman A; Giles R; McIlveen B; et al: radionuclide ejection fraction: comparison of response to treadmill and bicycle exercise (ab), 148: 350, 1983
 Freeman JM See Hemphill M
 Freeman LM See Weissman HS
 Freeny PC; Marks WM: computed tomographic arteriography of the liver, 148: 193, 1983
 Freiberger RH See Hewes RC
 Freiberger RH See Pavlov H
 French SW See Palmar JC
 Freund GC See Fuentes F
 Frey KW See Ingrisch H
 Frias Z See Vita HC
 Friedland GW See Shapero LG
 Friedman A See Drayer B
 Friedman A See Dryer BP
 Friedman AC See Blei CL
 Friedman AC See Dachman AH
 Friedman AC See Reed MD
 Friedman AP; Velcek FT; Haller JO; Nagar H: clavicular periostitis: an unusual complication of percutaneous subclavian venous catheterization, 148: 692, 1983
 Friedman PJ See Hughson WG
 Friedman WF See DiSessa TG
 Frigoletto FD Jr; Birnholz JC; Greene MF: antenatal treatment of hydrocephalus by ventriculoamniotic shunting (ab), 148: 348, 1983
 Frija J; Schmit P; Katz M; et al: computed tomography of the pulmonary fissures: normal anatomy (ab), 148: 887, 1983
 Frimas CA See Thanopoulos BD
 Front D See Grosher D
 Fruehan CT See Cacayorin ED
 Fry FJ See Dines KA
 Fryback DG See Thornbury JR
 Fuentes F; Smalling RW; Freund GC; et al: new therapy for acute myocardial infarction: intracoronary thrombolysis (ab), 148: 874, 1983
 Fukamachi A; Wakao T; Akai J: brain stem necrosis after irradiation of pituitary adenoma (ab), 148: 596, 1983
 Fukuda T See Inoue Y
 Fullerton GD See Boyer AL
 Fullerton GD See Mira JG
 Fusco G See Campora SA
- G**
- Gabrielsen TO See Gebarski SS
 Gabrielsen TO See Hildebrand PG
 Gabrielsen TO See Knake JE
 Gado M; Hughes CP; Danziger W; et al: aging, dementia, and brain atrophy: a longitudinal computed tomographic study, (AJNR), 4: 699, 1983
 Gado M; Patel J; Hodges FJ III: lateral disk herniation into the lumbar intervertebral foramen: differential diagnosis, (AJNR), 4: 598, 1983
 Gado M; Patel J; Hughes CP; et al: brain atrophy in dementia measured by CT scan ranking, (AJNR), 4: 499, 1983
 Gado MH See Danner MW
 Gadwood K See Danner TD
 Gagnadoux MF See Cournot-Witmer G
 Gabhauer H; Sturm V; Schlegel W; et al: combined use of stereotaxic CT and angiography for brain biopsies and stereotaxic irradiation, (AJNR), 4: 715, 1983
 Galanski M See Skutta T
 Galbraith S See Teasdale G
 Gale ME: hermaphroditism demonstrated by computed tomography, (AJR), 141: 99, 1983
 Galichia JP; Duck GF; Bajaj AK; et al: percutaneous transluminal angioplasty (ab), 148: 334, 1983
 Galichia JP; Duck GF; Bajaj AK; et al: percutaneous transluminal angioplasty (ab), 148: 592, 1983
 Gall EP See Weinstein PR
 Galazio R See Zenobio M
 Gamarrà M See Wissman Z
 Ganda C See Wing J
 Gansler TS See Marchlinski FE
 Ganti SR; Silver AJ; Dineenbach P; et al: computed tomography of primitive neuroectodermal tumors, (AJNR), 4: 819, 1983
 Garcia-Dorado D; Falzarof S; Almazan A; et al: diagnosis of functional tricuspid insufficiency by pulsed-wave Doppler ultrasound (ab), 148: 603, 1983
 Garibotti G See Giorgi C
 Garnick MB See Hickey WF
 Garrett HE See Cronenwett JL
 Garver P; Resnick D; Haghghi P; et al: melorheostosis of the axial skeleton with associated fibromatous lesions (ab), 148: 889, 1983
 Gastaut JL See Jiddane M
 Gaudric A; Coscas G; Bird AC: choroidal ischemia (ab), 148: 340, 1983
 Gay BB Jr See Atkinson GO Jr
 Gazendam J See Gregoire N
 Gebarski KS; Glazer GM; Gebarski SS: brachial plexus anatomic, radiologic, and pathologic correlation using computed tomography (ab), 148: 599, 1983
 Gebarski SS See Gebarski KS
 Gebarski SS; Gabrielsen TO; Knake JE; et al: cerebral CT findings in methylmalonic and propionic acidemias, (AJNR), 4: 955, 1983
 Geffner ME See Miller MJ
 Gehring D See Forbes G
 Gehweiler JA Jr; Daffner RH; Roberts L Jr: malformations of the atlas vertebra simulating the Jefferson fracture, (AJR), 140: 1083, 1983
 Geisinger MA; Zelch MG; Brava EL; et al: primary hyperaldosteronism: comparison of CT, adrenal venography, and venous sampling, (AJR), 141: 299, 1983
 Gellad F; Rao KCVG; Arora S; et al: epidermoid tumor of the fourth ventricle: use of metrizamide—computed tomography (ab), 148: 884, 1983
 Gellad F; Rao KCVG; Joseph PM; et al: morphology and dimensions of the thoracic cord by computer-assisted metrizamide myelography, (AJNR), 4: 614, 1983
 Genant HK See Ehrlich GW
 Genant HK See Helms CA
 Genant HK; Cann CE; Ettinger B; et al: quantitative computed tomography of vertebral spongiosa: a sensitive method for detecting early bone loss after oophorectomy (ab), 148: 342, 1983
 Genuerex GP: posterior pleural reflections, (AJR), 141: 141, 1983
 Gentry LR See Tursi PA
 George AE See Andreou J
 George AE See Deon MJ
 George EA See Patel BK
 George EA; Meyerowitz M; Codd JE; Fletcher JW; Donati RM: renal allograft accumulation of Tc-99m sulfur colloid: temporal quantitation and scintigraphic assessment, 148: 547, 1983
 Georges B See Piepsz A
 Gernet H: axial echometry of the eye: results and clinical application (ab), 148: 890, 1983
 Gersh BJ See Miller FA Jr
 Gharib M See Druy EM
 Ghose T; Ferrone S; Imai K; et al: imaging of human melanoma xenografts in nude mice with a radiolabelled monoclonal antibody (ab), 148: 608, 1983
 Giangrande A See Solbiati L
 Gibbons GW See O'Leary DH
 Gibson TC See Foale RA
 Gifford L See Griem K
 Giles R See Freeman A
 Gillespie FC See Gray HW
 Gilmore RL See Edwards MK
 Giorgi C; Broggi G; Garibotti G; et al: three-dimensional neuroanatomic images in CT-guided stereotactic neurosurgery, (AJNR), 4: 719, 1983
 Girton M See Krudy AG
 Glaser JS See Slavin ML
 Glaser MG See Bassan JS
 Glatt SL; Lantos G; Danziger A; et al: efficacy of CT in the diagnosis of vascular dementia, (AJNR), 4: 703, 1983
 Glaubitz D; Haubrich J; Cordoni-Voutsas M: detection and quantitation of intermittent CSF rhinorrhea during prolonged cisternography with ¹¹¹In-DTPA, (AJNR), 4: 560, 1983
 Glazer GM See Gebarski KS
 Glazer GM See Gross BH
 Glew WB See Nik NA
 Glick ME: clinical course of esophageal stricture managed by bougieage (ab), 148: 329, 1983
 Glimelius B See Hagberg H
 Glogar D See Klipper M
 Glover JL See Becker GJ
 Gobien BS See Gobien RP
 Gobien RP See Ellis MC
 Gobien RP See Vujic I
 Gobien RP: interventional radiology of the abdomen (bk rev), 148: 84, 1983
 Gobien RP: interventional radiology: principles and techniques (bk rev), 148: 88, 1983
 Gobien RP: interventional radiology: principles and techniques (bk rev), 148: 676, 1983
 Gobien RP; Bouchard EA; Gobien BS; Valicenti JF; Vujic I: thin needle aspiration biopsy of thoracic lesions: impact on hospital charges and patterns of patient care, 148: 65, 1983
 Godwin JD See Choyke PL
 Godwin JD See Fein AB
 Godwin JD; Vock P; Osborne DR: CT of the pulmonary ligament, (AJR), 141: 231, 1983
 Goergen TG See Cone RO
 Goin JE; Haberman JD; Linder MK; Lambird PA: analysis of mammography: a blind interpretation of BCDDP radiographs, 148: 393, 1983
 Gold RE See Cropper LD Jr
 Gold RH See Bassett LW
 Gold RP; McClellan BL; Rottenberg RR: review: CT appearance of acute inflammatory disease of the renal interstitium, (AJR), 141: 343, 1983
 Goldberg BB See Pasto ME
 Goldberg B See Higgins CB
 Goldberg HI See Karasawa E
 Goldberg HI See Stark DD
 Goldberg HI See Thoeni RF
 Goldberg RP; Weissman BN; Naimark A; et al: femoral neck erosions: sign of hip joint synovial disease, (AJR), 141: 107, 1983
 Goldberg SJ See Hoenecke HR Jr
 Golden J See Churg A
 Golding RH See Jenkins M
 Goldman HJ See Minty HA
 Goldman MJ See Zimmerman RD
 Goldman MR; Brady TJ; Pykett IL; et al: quantification of experimental myocardial infarction using nuclear magnetic resonance imaging and paramagnetic ion contrast enhancement in excised canine hearts (ab), 148: 343, 1983
 Goldman R; Hunter TB; Haber K: silent abdominal abscess: role of the radiologist, (AJR), 141: 21, 1983
 Goldstein SJ; Sacks JG; Lee C; et al: computed tomographic findings in cerebral arterial ectasia, (AJNR), 4: 501, 1983
 Golimbuk C See Firooznia H
 Gollach BL See Andrew WK
 Colladay ES See Seibert JJ
 Gomez AS See Flannigan BD
 Gonsette RE; Liesenborghs L: iogluconide: a new nonionic contrast medium for myelography and cisternography with reduced neurotoxicity, (AJNR), 4: 304, 1983
 Gooding CA See London DA
 Gooding CA See Stark DD
 Gooding GAW See Stark DD
 Gooding GAW; Edwards MSB: hydrocephalus in adults: ultrasound detection through surgically created cranial defects, 148: 561, 1983
 Goodman LR; Kay HR; Teplick SK; et al: complications of median sternotomy: computed tomographic evaluation, (AJR), 141: 225, 1983
 Goodman LR; Teplick SK; Kay H: computed tomography of the normal sternum, (AJR), 141: 219, 1983
 Goodman PC See Stark DD
 Goodman RS See Swartz JD
 Goodwin PN See Chernev S
 Gordon P See Dons RF
 Gordon A See Yeh H-C
 Gordon L See Ellis MC
 Gorlin RJ See Whitley CB
 Gorman CA See Forbes G
 Goldberg S; Afzelius L-E; Hamraeus G; et al: balloon-catheter dilatation of strictures in the upper digestive tract (ab), 148: 333, 1983
 Gottschalk A See Sostman HD
 Grady EG See Mantravadi RVP
 Graham K See Sahn DJ
 Grant EG; Richardson JD; Smirniotopoulos JG; et al: fine-needle biopsy directed by real-time sonography: technique and accuracy, (AJR), 141: 29, 1983
 Gratzl O See Wiggle U
 Grau H See Vonofakos D
 Grau M See Snow N
 Gray HW; Greig WR; Gillespie FC: therapeutic iodine 125 for hyperthyroidism: evidence for a special radiobiological effect on the follicular cell (ab), 148: 896, 1983

- G**
- Gray JE; Hoffman AD; Peterson HA: reduction of radiation exposure during radiography for scoliosis (ab), **148**: 877, 1983
- Graziani L; De Nigris E; Pesaresi A; et al: reflux esophagitis: radiologic-endoscopic correlation in 39 symptomatic cases (ab), **148**: 875, 1983
- Greco FA See Johnson DH
- Greene MF See Frigoletto FD Jr
- Greene R: screening chest radiography: its role in modern medicine (ab), **148**: 328, 1983
- Greenspan A; Norman A: "pelvic" digit—an unusual developmental anomaly (ab), **148**: 877, 1983
- Greenspan RH; Ravin CE; Polansky SM; et al: accuracy of the chest radiograph in diagnosis of pulmonary embolism (ab), **148**: 873, 1983
- Greenwald LV; Baisden CE; Symbas PN: rib fractures in coronary bypass patients: radionuclide detection, **148**: 553, 1983
- Gregoire N; Nezri C; Gazendam J; et al: autoradiographic method for quantitative evaluation of the blood-brain barrier effects of contrast media, (*AJR*), **4**: 323, 1983
- Greif WR See Gray HW
- Greitz T See Bohm C
- Greitz T See Widén L
- Griem K; Weichselbaum RR; Umans RS; Gifford L; Little JR: radioprotection of human breast cancer cells by elevation of intracellular cyclic AMP, **148**: 289, 1983
- Griem ML See Quertermous T
- Griffin J; Jennings C; MacErlean D: ultrasonic evaluation of simple and ectopic ureteroceles (ab), **148**: 892, 1983
- Griffith DP See Roth D
- Griffiths HJ: angiographic cerebrale (bk rev), **148**: 442, 1983
- Griffiths HJ: control of exposure of the public to ionizing radiation in the event of accident or attack, proceedings of a symposium held on April 27-29, 1981 (bk rev), **148**: 560, 1983
- Grigsby PW See Mendiondo OA
- Griscom NT: cross-sectional shape of the child's trachea by computed tomography, (*AJR*), **140**: 1103, 1983
- Groch MW See Turner DA
- Grogan JP See Williams AL
- Groschar D; Israel O; Front D: gamut: spleen imaging—enlargement of the spleen, (*SNM*), **13**: 295, 1983
- Gross BH; Glazer GM; Francis IR: CT of intracardiac and intrapericardial masses, (*AJR*), **140**: 903, 1983
- Gross DJ See Shalit M
- Gross MD See Juni JE
- Gross S See Schlamowitz RA
- Gross SG; Bell RD: central pontine myelinolysis and rapid correction of hyponatremia (ab), **148**: 337, 1983
- Gross WL See Dietl WH Jr
- Grossman HB; Batata M; Hilaris B; et al: I-125 implantation for carcinoma of prostate (ab), **148**: 607, 1983
- Grossman Z: nuclear medicine in clinical practice: selective correlation with ultrasound and computed tomography (bk rev), **148**: 538, 1983
- Grote W See Hartjes H
- Growthcock G See Blumhardt R
- Gruss JS See Cooper PW
- Gueguen B See Riche MC
- Guell A See Adam P
- Guidetti B See Di Lorenzo N
- Gunther RW; Klose KJ; Ruckert K; Kuhn F-P; Beyer J; Klöter H-J; Cordes U: islet-cell tumors: detection of small lesions with computed tomography and ultrasound, **148**: 485, 1983
- Gurian L; Jendrzejewski J; Katon R; et al: small-bowel enema: an underutilized method of small-bowel examination (ab), **148**: 590, 1983
- Guthaner DF; Miller DC: digital subtraction angiography of aortic dissection, (*AJR*), **141**: 157, 1983
- Gutman J; Wang YS; Wahr D; et al: normal left atrial function determined by 2-dimensional echocardiography (ab), **148**: 891, 1983
- Guyer DE See Foale RA
- H**
- Haaga JR See Andriole JG
- Haaga JR See Cohen AM
- Haber K See Goldman R
- Haberman JD See Goin JE
- Hacke W See Zeumer H
- Hacke W; Zeumer H; Berg-Dammer E: monitoring of hemispheric or brainstem functions with neurophysiologic methods during interventional neuroradiology, (*AJR*), **4**: 382, 1983
- Hacker H See Vonofakos D
- Hadidi A: pancreatic duct diameter: sonographic measurement in normal subjects (ab), **148**: 892, 1983
- Haendchen R; Povzhitkov M; Meerbaum S; et al: evaluation of changes in left ventricular end-diastolic pressure by left atrial two-dimensional echocardiography (ab), **148**: 346, 1983
- Hagberg H; Glimelius B; Sundstrom C: radiation therapy of non-Hodgkin's lymphoma stages I and II (ab), **148**: 895, 1983
- Haggard AM See Kochikian EJ
- Haghghi P See Garver P
- Hagler DJ See Huhta JC
- Hahn VS See Shklokin A
- Haigne W See Buschmann W
- Hainsworth JD See Johnson DH
- Halden WJ; Harnsberger HR; Mancuso AA: computed tomography of esophageal varices after sclerotherapy, (*AJR*), **140**: 1195, 1983
- Hall A See Burbank FH
- Hall AS See Young IR
- Hall FM: incidence of bone sarcoma in Paget disease (L), **148**: 865, 1983
- Haller JO See Friedman AP
- Halpert RD; Laufer I; Thompson JJ; et al: adenocarcinoma of the esophagus in patients with scleroderma, (*AJR*), **140**: 927, 1983
- Hambraeus G See Gotberg S
- Hamby RL: clinical correlates of the coronary arteriogram (ab), **148**: 328, 1983
- Hamilton DJ See Horowitz BL
- Hamlin JA See Stein MG
- Hammer B See Deisenhammer E
- Hammerschlag SB; Barr JW: cranial computed tomography (bk rev), **148**: 460, 1983
- Hanafusa W See Johnson DW
- Hanafusa WM See Hanson DG
- Hanafusa WN See Hoover LA
- Hanafusa WN See Lufkin RB
- Handel DB; Heaston DK; Korobkin M; et al: circumauricular left renal vein with tumor thrombus: CT diagnosis with angiographic and pathologic correlation, (*AJR*), **141**: 97, 1983
- Handler LC; Mervis B: cerebral cysticercosis with reference to the natural history of parenchymal lesions, (*AJR*), **4**: 709, 1983
- Haney PJ: infant apnea: findings on the barium esophagram, **148**: 425, 1983
- Haney PJ; Hill JL; Sun C-C: spinal column ganglionosis (ab), **148**: 335, 1983
- Haney JA; McNeil BJ: method of comparing the areas under receiver operating characteristic curves derived from the same cases, **148**: 839, 1983
- Hann LE See McArdle CR
- Hannath P See Schlüter M
- Hanson DG; Mancuso AA; Hanafusa WM: pseudomass lesions due to occult trauma of the larynx (ab), **148**: 886, 1983
- Hanson F See McGahan JP
- Harder JR See Sahai DJ
- Hardy RJ Jr See Modic MT
- Harell GS See Silverman PM
- Harnsberger HR See Halden WJ
- Harnsberger HR See Heilbrun MP
- Harnsberger HR See Manuso AA
- Harnsberger HR See Muraki AS
- Harrigan PR See Mazier MS
- Harris AB See Cromwell LD
- Harris CC: use of a nuclear medicine computer as a multichannel pulse-height analyzer: design of an interface, **148**: 857, 1983
- Harris JP See Tinker DD
- Harris NL See Meyer JE
- Harris SA Jr See Berkman WA
- Harris VJ; Srinivasan G: infants of drug-dependent mothers, (*SR*), **18**: 179, 1983
- Harrison MMH See Clarke NMP
- Harrison MR See Chin CH
- Hartjes H; Roosen K; Grote W; et al: cervical disk syndromes: value of metrizamide myelography and diskography, (*AJR*), **4**: 644, 1983
- Hartman DS See Blei CL
- Hartmann O See Vanel D
- Hartz WH See McLean GK
- Harvey LA; Caldicott WJH; Kuruc A: effect of contrast media on immature renal function: comparison of agents with high and low osmolality, **148**: 429, 1983
- Harwood-Nash DC See Naidich TP
- Harwood-Nash DCF See Pettersson H
- Hasegawa H See Makuchi M
- Haskin ME See Liu L
- Hatten HP Jr See Robertson HJ
- Hattery RR See Welch TJ
- Hatzitheofilou C; Conlan AA; Nicolaou N: agenesis of the diaphragm (ab), **148**: 594, 1983
- Hautubert I See Ratza K
- Haubrich J See Glabrecht D
- Haughton VM See Johansen JG
- Haughton VM See Williams AL
- Hauptmann G See Christmann D
- Hawkes RC See Worthington BS
- Hawkes RC; Holland GN; Moore WS; et al: application of NMR imaging to the evaluation of pituitary and juxtasellar tumors, (*AJR*), **4**: 221, 1983
- Hacker H See Vonofakos D
- Hawkes RC; Holland GN; Moore WS; et al: craniocervical junction pathology: assessment by NMR, (*AJR*), **4**: 232, 1983
- Hawkes RC; Holland GN; Moore WS; et al: NMR imaging in the evaluation of orbital tumors, (*AJR*), **4**: 254, 1983
- Hawkes RC; Holland GN; Moore WS; et al: NMR tissue characterization in intracranial tumors: preliminary results, (*AJR*), **4**: 830, 1983
- Hawkins IF Jr See Nanni GS
- Hawkins IF Jr; Hawkins MC: new coaxial exchange guide wire with a variable-length tip, **148**: 303, 1983
- Hawkins MC See Hawkins IF Jr
- Hayabuchi N; Russell WJ; Murakami J; Nishitani H: screening for lung cancer in a fixed population by biennial chest radiography, **148**: 369, 1983
- Hayes EJ See Widrich WC
- Haynes BF See Fauci AS
- Haynes JB See Evans ME
- Hayreh SS; Podhajsky P: ocular neovascularization with retinal vascular occlusion. II. occurrence in central and branch retinal artery occlusion (ab), **148**: 340, 1983
- Heal A See Sfakianakis GN
- Heaston DK See Handel DB
- Heaston DK; Putman CE; Rodan BA; et al: solitary pulmonary metastases in high-risk melanoma patients: a prospective comparison of conventional and computed tomography, (*AJR*), **141**: 169, 1983
- Heaton FC; Vaughn R: intrauterine supraventricular tachycardia: cardioversion with maternal digoxin (ab), **148**: 604, 1983
- Heck LL See Farid NA
- Heckemann R; Rehwald U; Jakubowski HD; et al: sonographic criteria for renal allograft rejection (ab), **148**: 348, 1983
- Heckmatt JZ; Leeman S; Dubowitz V: ultrasound imaging in the diagnosis of muscle disease (ab), **148**: 336, 1983
- Hedman A See Henriksson L
- Heeney D: shape your guide wire, (*AJR*), **141**: 405, 1983
- Heeney D; Bookstein J; Daniels E; Warmath M; Horn J; Rowley W: transluminal angioplasty of the abdominal aorta: report of 6 cases in women, **148**: 81, 1983
- Heeney DJ See Mori KW
- Heffner DS; Sawaya R; Udvarhelyi GB; et al: spinal epidural extramedullary hematopoiesis with spinal cord compression in a patient with refractory sideroblastic anemia (ab), **148**: 338, 1983
- Heigell T See Ingrisch H
- Heiberg E; Wolverson MK
- Heiberg E; Wolverson MK; Sundaram M; et al: CT in aortic trauma, (*AJR*), **140**: 1119, 1983
- Heilbrun MP; Mukuno DH; Lee TG; Boulter WV; Harnsberger HR; Raabe RP: intraoperative ultrasound-assisted stereotactic brain surgery (L), **148**: 576, 1983
- Heilmann CB See Kerber CW
- Helms CA; Genant HK: computed tomography in the early detection of skeletal involvement with multiple myeloma (ab), **148**: 888, 1983
- Henningsson A See El-Sherief MA
- Hemphill M; Freeman JM; Martine CR; et al: new, treatable source of recurrent meningitis: basioccipital meningocele (ab), **148**: 880, 1983
- Henderson IC See Hickey WF
- Henderson SC See Vaughan R
- Hendrick EB See Hoffman HJ
- Hendrix RW See Foley MJ
- Hendrix RW; Wixson RL; Rana NA; Rogers LF: arthrography after total hip arthroplasty: a modified technique used in the diagnosis of pain, **148**: 647, 1983
- Henkelman RM; Mah K: how important is breathing in radiation therapy of the thorax? (ab), **148**: 606, 1983
- Henkin RT See Schellingen D
- Henriksson L; Hedman A; Johansson R; et al: ultrasound assessment of liver veins in congestive heart failure (ab), **148**: 603, 1983
- Henriksson P See Ivarsson S
- Hensley GT See Post MJ
- Herfkens RJ; Higgins CB; Hricak H; Lipton MJ; Crooks LE; Sheldon PE; Kaufman L: nuclear magnetic resonance imaging of atherosclerotic disease, **148**: 161, 1983
- Herfkens RJ See DiCarlo LA Jr
- Hermann G; Schwartz IS: focal fibrous disease of the breast: mammographic detection of an unappreciated condition, (*AJR*), **140**: 1245, 1983
- Hermie P See Fiebach BJO
- Hernandez R: cardiac imaging in infants and children (bk rev), **148**: 416, 1983
- Herrera J See Cueto-Garcia L
- Herrera M See Hunter DW
- Herrlin K See Ekelund L
- Herrlin K; Ekelund L; Lovdahl R; et al: computed tomography in suspected osteoid osteomas of tubular bones (ab), **148**: 889, 1983

Hershey

- Hershey BL See Peyster RG
Hessel SJ See Levy JM
Hestenes JD See Blankenhorn DH
Hevia R See Corrales M
Hewes RC; Vigorita VJ; Freiberger RH: percutaneous bone biopsy: the importance of aspirated osseous blood, *AJR*, 69: 1983
Hiatt JR; Williams RA; Wilson SE: intraabdominal abscess: etiology and pathogenesis, *(SU)*, 4: 71, 1983
Hibiri NS See Ramirez H
Hickey WF; Garnick MB; Henderson IC; et al: primary cerebral venous thrombosis in patients with cancer—a rarely diagnosed paraneoplastic syndrome (ab), *AJR*, 148: 339, 1983
Hickling P See Parkin A
Hicks DC See Bhandari AK
Hidalgo H See Williford ME
Hidvegi DF See Mendelson EB
Hiemstra GB See Tsai FV
Higashi T; Nakamura K; Suzuki S; et al: Ga-67 scan as a prognostic indicator in primary lung carcinoma (ab), *AJR*, 148: 893, 1983
Higashihara T See Sone S
Higgins CB See DiSessa TG
Higgins CB See Herkens RJ
Higgins CB See Hricak H
Higgins CB; Goldberg H; Hricak H; et al: nuclear magnetic resonance imaging of vasculature of abdominal viscera: normal and pathologic features, *(AJR)*, 140: 1217, 1983
Hila SK See Mawad ME
Hila SK See Silver AJ
Hila SK; Maudsley AA; Simon HE; et al: in vivo NMRI imaging of tissue sodium in the intact cat before and after acute cerebral stroke, *(AJR)*, 4: 245, 1983
Hilaris B See Grossman HB
Hildebrand J; Malarme M; Flament-Durand J; et al: acute nonlymphocytic leukemia in a patient treated for brain tumor (ab), *AJR*, 148: 337, 1983
Hildenbrand PG; Gabrielsen TO; Dorovini-Zis K; et al: radiology of primary intracranial volk-sac (endodermal sinus) tumors, *(AJR)*, 4: 991, 1983
Hill AB; Tattersall SF: recall of radiation pneumonitis after intrapleural administration of doxorubicin (ab), *AJR*, 148: 895, 1983
Hill AL See Emory TH
Hill JL See Haney PJ
Hill LM See Ragazzo MW
Hill SA; Falko JM; Wilson CB; et al: thyrotrophin-producing pituitary adenomas (ab), *AJR*, 148: 341, 1983
Hill TC See O'Leary DH
Hillesheimer W See Bockenheimer SAM
Hillman BJ: revascular hypertension: diagnosis of renal artery stenosis by digital video subtraction angiography (ab), *AJR*, 148: 330, 1983
Hindmarsh T; Bergstrand G; Ericson K; et al: comparative double-blind investigation of meglumine metrizoate, metrizamide, and iohexol in carotid angiography, *(AJR)*, 4: 347, 1983
Hiraiwa S See DiSessa TG
Hiraiwa M; Nonaka C; Abe T; et al: positron emission tomography in systemic lupus erythematosus: relation of cerebral vasculitis to PET findings, *(AJR)*, 4: 541, 1983
Hirota Y See Takahashi M
Hisley JC; Mangun C: placental location in pregnancies following cesarean section (ab), *AJR*, 148: 604, 1983
Hiyama Y See Nakayama T
Ho J See Patel B
Ho K-J See Shin MS
Hochberg FH See Debrun GM
Hodge F III See Gado M
Hoenecke HR Jr; Goldberg SJ; Sahn DJ; et al: effect of beam directional alterations on left ventricular shortening fraction (ab), *AJR*, 148: 347, 1983
Hoffman AD See Gray JE
Hoffman DA; McConahey WM: breast cancer following iodine-131 therapy for hyperthyroidism (ab), *AJR*, 148: 896, 1983
Hoffman HJ; Hendrick EB; Humphreys RP; et al: investigation and management of suprasellar Rathke's cysts (ab), *AJR*, 148: 598, 1983
Hoffman JC: ultrasound in the evaluation of renal papillary necrosis: reply (L), *AJR*, 148: 864, 1983
Hoffman JC Jr See Davis PC
Hogan RD See Becker GJ
Holden RW See Batitzky S
Holden RW See Becker GJ
Holden RW See Eskridge JM
Holden WE; Mulkey DD; Kessler S: multiple peripheral lung cysts and hemoptysis in an otherwise asymptomatic adult (ab), *AJR*, 148: 327, 1983
Holen J: Doppler ultrasound and its use in clinical measurements (bk rev), *AJR*, 148: 518, 1983
Holland GN See Droege RT
Holland GN See Hawkes RC
Holland IM See Lamb JT
Holiz E; Michelet AA; Jacobsen T: absorption after subarachnoid and subdural administration of iohexol, ^{51}Cr -EDTA, and ^{125}I -albumin to rabbits, *(AJR)*, 4: 338, 1983

- Holtzman H See Fein AM
Homer MJ See McLean AM
Hon H See Engel PJ
Hoover ED; Duckett JW Jr: posterior urethral valves, unilateral reflux and renal dysplasia: a syndrome (ab), *AJR*, 148: 336, 1983
Hoover ED See Peyster RG
Hoover LA; Hanafusa WN: differential diagnosis of nasopharyngeal tumors by computed tomography scanning (ab), *AJR*, 148: 886, 1983
Hopkins NFG; Spinks TJ; Rhodes CG; et al: positron emission tomography in venous ulceration and liposclerotic study of regional tissue function (ab), *AJR*, 148: 893, 1983
Hordvik M See Skalp IO
Horii SC See Subramanyam BR
Horn J See Heehey D
Hornsey S; Myers R; Warren P: residual injury in the spinal cord after treatment with x rays or neutrons (ab), *AJR*, 148: 608, 1983
Horowitz BL; Hamilton DJ; Sommers CJ; et al: effect of bromocriptine and pergolide on pituitary tumor size and serum prolactin, *(AJR)*, 4: 415, 1983
Horowitz M; Cook DJ; Collins PJ; et al: application of techniques using radionuclides to the study of gastric emptying (ab), *AJR*, 148: 350, 1983
Horowitz S See Valdes-Cruz LM
Horsley WW See Carmody RF
Horton JA; Hrabovsky E; Klingberg WG; et al: therapeutic embolization of a hyperfunctioning pheochromocytoma, *(AJR)*, 140: 987, 1983
Hosokai T: dynamic CT of pancreatic tumors, *(AJR)*, 140: 959, 1983
Hotobuchi T See Kaibara N
Houser OW See James EM
Howard RJ; Drobac M; Rider WD; et al: carcinoid heart disease: diagnosis of two-dimensional echocardiography (ab), *AJR*, 148: 344, 1983
Howarth F See Baxter-Smith DC
Hrabovsky E See Horton JA
Hricak H See Herkens RJ
Hricak H See Higgins CB
Hricak H See Moon KL Jr
Hricak H; Higgins CB; Williams RD: nuclear magnetic resonance imaging in retroperitoneal fibrosis, *(AJR)*, 141: 35, 1983
Hricak H; Lieto RP: sonographic determination of renal volume, *AJR*, 148: 311, 1983
Hubbard AM See Sty JR
Hubmann M See Weikl A
Hudson GV See Yarnold JR
Huebener KS: scanned projection radiography of the chest versus standard film radiography: a comparison of 250 cases, *AJR*, 148: 363, 1983
Hughes CP See Gado M
Hughes KS; Marangoni AG; Thompson DR; Turbiner E: endotoxic shock and its effects on hepatobiliary scanning in dogs, *AJR*, 148: 823, 1983
Hughson WG; Friedman PJ; Feigin DS; et al: postpartum pleural effusion: a common radiologic finding (ab), *AJR*, 148: 589, 1983
Huhta JC; Haugler DJ; Seward JB; et al: two-dimensional echocardiographic assessment of dextrocardia: a segmental approach (ab), *AJR*, 148: 593, 1983
Huk WJ; Mahlstedt J: intracystic radiotherapy (^{90}Y) of craniopharyngiomas: CT-guided stereotactic implantation of indwelling drainage system, *(AJR)*, 4: 803, 1983
Humphreys RP See Hoffman HJ
Hunter DW; Castaneda-Zuniga WR; Coleman CC; Herrera M; Amplatz K: percutaneous techniques in the management of urological complications in renal transplant patients, *AJR*, 148: 407, 1983
Hunter G See Palmaz JC
Hunter TB See Goldman R
Hyams JV See Olmsted WW
Hymes LC See Warren WC

I

- Iacono R See Osborne DRS
Ibarra B See Rovira M
Ikard M See Soloway MS
Ikinger U See David E
Illiceto S; Antonelli G; Biasco G; et al: two-dimensional echocardiographic evaluation of aneurysms of the descending thoracic aorta (ab), *AJR*, 148: 347, 1983
Imai K See Ghose T
Imamura S See Tokumori H
Imparato AM See Rosen RJ
Ingrisch H; Hegele T; Frey KW: angiographic control of renal artery stenosis 6 months following percutaneous transluminal angioplasty (ab), *AJR*, 148: 592, 1983
Inoue Y; Fukuda T; Takashima S; et al: adrenoleukodystrophy: new CT findings, *(AJR)*, 4: 951, 1983
Iorio J See Feczkó PJ

- Isaacs H See Floyd BB
Ishida M; Frank PH; Doi K; et al: high quality digital radiographic images: improved detection of low-contrast objects and preliminary clinical studies, *(RG)*, 3: 325, 1983
Ishiguchi T See Negoro M
Ishii Y See Tamaki N
Israel O See Groshar D
Itai Y; Ohimoto K; Araki T; et al: computed tomography and sonography of cavernous hemangioma of the liver, *(AJR)*, 141: 315, 1983
Itó T See Makuchi M
Ivarsson S; Henriksson P; Theander G: coexisting ectrodacty-ectodermal dysplasia-clefting (EED) and prune belly syndromes (ab), *AJR*, 148: 882, 1983

J

- Jabamoni R See Cooper RA
Jackson H: atlantoaxial subluxation (L), *AJR*, 148: 864, 1983
Jacobi K See Kumar R
Jacobs P: radiology of syndromes and metabolic disorders 2nd ed. (bk rev), *AJR*, 148: 616, 1983
Jacobsen T See Holtz E
Jaffe CC See Ablow RC
Jaffe CC See Kleinman CS
Jaffe RB: cardiac and vascular involvement in drug abuse, *(SR)*, 18: 207, 1983
Jafri SZH See Vade A
Jahn AF See Silver AJ
Jakubowski HD See Heckemann R
Jamai WK; Everhart FR Jr; Sanders JM Jr: cerebral venous sinus thrombosis: report of a case and review of the literature (ab), *AJR*, 148: 885, 1983
James AE JR See Fleischer AC
James EM; Earnest IV; Forbes GS; Houser OW: high-resolution dynamic ultrasound imaging of the carotid bifurcation: a prospective evaluation: reply (L), *AJR*, 148: 318, 1983
Jamjoom ZA See Mehndri HM
Jansholt A-L See Vasquez TE
Jarmakani JM See DiSessa TG
Jarosky MJ See Turner DA
Jarell BI See Pasto ME
Jaszczak R See Drayer B
Jaszczak RJ See Coleman RE
Jazy FK See Shehata WM
Jeffrey RB; Federle MP; Laing FC; et al: computed tomography of choledocholithiasis, *(AJR)*, 140: 1179, 1983
Jeffrey RB; Laing FC; Wong W; Callen PW: gangrenous cholecystitis: diagnosis by ultrasound, *AJR*, 148: 219, 1983
Jeffrey RB Jr See Federle MP
Jelden G See Vita HC
Jelliffe AM See Yarnold JR
Jelsma RK; Kirsch PT; Rice JE; et al: radiographic description of thoracolumbar fractures (ab), *AJR*, 148: 331, 1983
Jendrzejewski J See Gurian L
Jenkins M; Golding RH; Cooperberg PL: sonography and computed tomography of hemorrhagic cholecystitis, *(AJR)*, 140: 1197, 1983
Jennings C See Griffin J
Jevitch MJ See Fanous HN
Jiddane M; Gastaut JL; Pellissier JF; et al: CT of primary muscle diseases, *(AJR)*, 4: 773, 1983
Johansen CC See Laurin S
Johansen JK; McCarty DJ; Haughton VM: retromastoid clefts: computed tomographic appearance, *AJR*, 148: 447, 1983
Johansson R See Henriksson I
John V; Nau HE; Nahser HC; et al: CT of carpal tunnel syndrome, *(AJR)*, 4: 770, 1983
Johnnell O See Jonsson K
Johnson CD; Carlson HC; Taylor WF; et al: barium enemas of carcinoma of the colon: sensitivity of double-contrast and single-contrast studies, *(AJR)*, 140: 1143, 1983
Johnson DG See Wilkinson RH Jr
Johnson DH; Hainsworth JD; Greco FA: Pancoast syndrome and small cell lung cancer (ab), *AJR*, 148: 327, 1983
Johnson DW; Voorhees RL; Lufkin RB; Hanfave W: Canalicular cholesteatomas of the temporal bone: role of computed tomography, *AJR*, 148: 733, 1983
Johnson JM: high-resolution dynamic ultrasound imaging of the carotid bifurcation: a prospective evaluation (L), *AJR*, 148: 317, 1983
Johnson LP See Murakami AS
Johnson RJ See Adams JE
Jones B; Fishman EK; Siegelman SS: ischemic colitis demonstrated by computed tomography (ab), *AJR*, 148: 600, 1983
Jonsson K; Johnnell O: preoperative angiography in patients with bone metastases (ab), *AJR*, 148: 591, 1983
Joorma R; Kendall BE: intracranial tumors in the first year of life (ab), *AJR*, 148: 334, 1983

- Joseph PM** See Gellad F
Joshi AV See Dhir SP
Jung RT; White MC; Bowley NB; et al: CT abnormalities of the pituitary in hyperprolactinaemic women with normal or equivocal sellae radiologically (ab), 148: 341, 1983
Juni JE; Gross MD; gamut: bilateral visualization on adrenal cortical scintigraphy, (SNM), 13: 168, 1983
Jupiter JB; Ehrlich MG; Novelline RA; et al: association of septic thrombophlebitis with subperiosteal abscesses in children (ab), 148: 336, 1983
Justin JR See Sigel B
- K**
- Kaahus O** See Vermund H
Kageyama N See Negoro M
Kaihara N; Katsuki I; Hotobekuchi T; et al: intermediate form of osteopetrosis with recessive inheritance (ab), 148: 878, 1983
Kalbfleisch H See Schwerk WB
Kalk WJ See Wing J
Kall B See Alker G
Kaneda C See Miyasaka K
Kanno T See Kataoka K
Kanto WP Jr See Wilson R
Kaplan PE See Calenoff L
Kaplan PW See Young IR
Karawasa E; Goldberg HI; Moss AA; Federle MP; London SS: CT pancreatogram in carcinoma of the pancreas and chronic pancreatitis, 148: 489, 1983
Karawasa J See Takahashi N
Kareh SM See Mantravadi RVP
Karimjee S See Peters AM
Karmody CS See Schrimpf R
Karpman RR See Weinstein PR
Kase CS; Williams JP; Wyatt DA; et al: lobar intracerebral hematomas: clinical and CT analysis of 22 cases (ab), 148: 339, 1983
Kassel EE See Cooper PW
Kastor JA See St. John Sutton MG
Katada K; Kanno T; Sano H; et al: calcification of the vertebral artery, (AJNR), 4: 450, 1983
Kato H See Sonoda M
Katon R See Gurian L
Katsuki I See Kaihara N
Kattapuram SV; Phillips WC; Boyd R: CT in pyogenic osteomyelitis of the spine, (AJR), 140: 1199, 1983
Katz J See Fraga J
Katz P See Fauci AS
Kaufman J: pheochromocytoma and stenosis of the renal artery (ab), 148: 877, 1983
Kaufman L See Herfkens RJ
Kaufman L See Moon KL Jr
Kaufman L; Crooks LE; Sheldon PE; et al: evaluation of NMR imaging for detection and quantification of obstructions in vessels (ab), 148: 602, 1983
Kaufmann H: maladies osseuses de l'enfant (bk rev), 148: 436, 1983
Kawabata M See Yamada R
Kay CJ; Pawar SJ; Rosenfeld AT: sonography of splenic abscesses, (SU), 4: 91, 1983
Kay H See Goodman LR
Kay HR See Goodman LR
Keam DM See Worthington BS
Keane JR: neuro-ophthalmologic signs and symptoms of cysticercosis (ab), 148: 338, 1983
Keating E See Schlamowitz RA
Keating JW See Robertson HJ
Keays AG See Smith EJ
Keller C See Seibert JJ
Kellerer AM See Shulbarger CJ
Kellum CD See Widrich WC
Kelly PJ See Alker G
Kendall B See Yu YL
Kendall B: results of treatment of arteriovenous fistulae with the Debrun technique, (AJNR), 4: 405, 1983
Kendall BE See Eldevik OP
Kendall BE See Jooma R
Kennard DR; Spigos DG; Tan WS: cervical aortic arch: CT correlation with conventional radiologic studies, (AJR), 141: 295, 1983
Kennedy LA: metachondromatosis, 148: 117, 1983
Kent KM See Bonow RO
Kerber CW See Sovak M
Kerber CW; Heilman CB: flow in experimental berry aneurysms: method and model, (AJNR), 4: 374, 1983
Kerber CW; Sovak M; Ranganathan RS; et al: iotrol, a new myelographic agent: 1. radiography, CT, CSF clearance, and brain penetration, (AJNR), 4: 317, 1983
Keren A; Tzivoni D; Stern S: alternating unilateral pulmonary edema following pneumothorax in acute myocardial infarction (ab), 148: 874, 1983
Kerr I See Breathnach E
Kessler S See Holden WE
- Keyes GS** See Foley WD
Khalil MF See McDonald DG
Khamapirad T; Athey PA: ultrasound diagnosis of hypertrophic pyloric stenosis (ab), 148: 881, 1983
Khangura MS; Mojtabedi S: air CT cisternography of anterior inferior cerebellar artery loop simulating an intracanalicular acoustic neuroma, (AJNR), 4: 994, 1983
Khine N See Tan WS
Kido DK: atlas of neuroanatomy with radiologic correlation and pathologic illustration (bk rev), 148: 706, 1983
Kido DK: computer reformations of the brain and skull base (bk rev), 148: 706, 1983
Kieffer SA See Tadmor R
Kier EL See Sarwar M
Kiessling M See Bohm N
Kikuchi H See Takahashi N
Kim EE; McConnell BA; Brown JS; et al: radionuclide demonstration of acute hemorrhage into follicular adenoma of the thyroid (ab), 148: 893, 1983
Kim KS See Sider L
King RJ; Mackenny RP; Elmur S: suggested method for closed treatment of fractures of the carpal scaphoid: hypothesis supported by dissection and clinical practice (ab), 148: 331, 1983
King W III See Lupetin AR
Kingsley D See Bohm C
Kinoshita N See Miyatake K
Kirkpatrick JA Jr See Dietz WH Jr
Kirsch PT See Jelsma RK
Kirschner PA See Yeh H-C
Kish KK; Rapp SM; Wilner HI; et al: histopathologic effects of transarterial bucrylate occlusion of intracerebral arteries in mongrel dogs, (AJNR), 4: 385, 1983
Kishikawa T See Ludwig B
Kiuru A See Soini I
Kjelle E See Lindholm C-E
Kjelle E See Nilsson P
Klara P See Pevsner PH
Klatte EC See Becker GJ
Klatte EC See Eskridge JM
Klech H See Kohn H
Klech H; Kohn H; Kummer F; et al: assessment of activity in sarcoidosis: sensitivity and specificity of gallium-67 scintigraphy, serum ACE levels, chest roentgenography, and blood lymphocyte subpopulations (ab), 148: 605, 1983
Kleinerman RA; Curtis RE; Boice JD Jr; et al: second cancers following radiotherapy for cervical cancer (ab), 148: 352, 1983
Kleinman CS; Donnerstein RL; Jaffee CC; et al: fetal echocardiography (ab), 148: 892, 1983
Kliauga PJ; Rossi HH: studies with encapsulated sources of I-125, III, microdosimetry using a non-metallic wall-less proportional counter (ab), 148: 607, 1983
Klibanser MI See Stambler JB
Klicpera M; Glogar D; Mayr H; et al: myocardial perfusion evaluated by contrast echocardiography (ab), 148: 602, 1983
Klingberg WG See Horton JA
Kloiber R; Pavlosky W; Portner O; et al: bone scintigraphy of hip joint effusions in children, (AJR), 140: 995, 1983
Klose KJ See Gunther RW
Klotter H-J See Gunther RW
Knaake JE See Gebarski SS
Knaake JE; Chandler WF; Gabrielsen TO; et al: intraoperative sonography in the nonsterile toxic biopsy and aspiration of subcortical brain lesions, (AJNR), 4: 672, 1983
Kneeland B See Lee BCP
Knowles RJR See Lee BCP
Kochkodan EJ; Haggard AM: visualization of the renal fascia: a normal finding in urography, (AJR), 140: 1243, 1983
Koehler PR See Feldberg MAM
Koehler PR See Miller FJ
Koehler PR See van Waes PFGM
Koehler RE See DiSantis DJ
Koehler RE See Owen JW
Koerner RM See Bird TD
Koff D; Plainfosse M-C; Merran S: Doppler study of renal artery of transplant kidneys (ab), 148: 604, 1983
Kohlmeyer K; Lehmkohl G; Poutska F: computed tomography of anorexia nervosa, (AJNR), 4: 437, 1983
Kohlmeyer K; Shamena AR: CT assessment of CSF spaces in the brain in demented and nondemented patients over 60 years of age, (AJNR), 4: 706, 1983
Kohn H See Klech H
Kohn H; Klech H; Mostbeck A; et al: Ga-67 scanning for assessment of disease activity and therapy decisions in pulmonary sarcoidosis in comparison to chest radiography, (ab), 148: 861, 1983
Kolb FO See Ehrlich GW
Kolmannskog F; Schrumpf E; Valnes K: computed tomography and angiography in pancreatic apudomas and cystadenomas (ab), 148: 601, 1983
- Kolmannskog F; Swensen T; Vatin MH; et al:** computed tomography and ultrasound of the normal pancreas (ab), 148: 601, 1983
Koldony GM See Royal HD
Komaki S: normal or benign gastric wall thickening demonstrated by computed tomography (ab), 148: 888, 1983
Konishi F See Butt JH
Konits PH; Aisner J; Sutherland JC; et al: possible pulmonary toxicity secondary to vinblastine (ab), 148: 873, 1983
Korn SH See Bonstelle CT
Korobkin M See Dunnick NR
Korobkin M See Handel DB
Korobkin M See Ling D
Korobkin M See Moore AV
Korobkin M See Silverman PM
Koskimies O: arterial hypertension developing 10 years after radiotherapy for Wilms's tumour (ab), 148: 352, 1983
Kottler RE See Cohen C
Kozic Z See Mann H
Krebs H-J See Schofer J
Krecke CF; Crawford MJ: emergent treatment of central retinal artery occlusion caused by embolism (L), 148: 866, 1983
Kreel L: computed tomography of interstitial pulmonary disease (ab), 148: 599, 1983
Kressel HY See Caroline DF
Kressel HY See Mintz MC
Kretzschmar K; Nix W; Zschiedrich H; et al: morphologic cerebral changes in patients undergoing dialysis for renal failure, (AJNR), 4: 439, 1983
Kricheff II See DeFilipp GJ
Kricheff II See Pinto RS
Krneta A See Probst P
Kroboth FJ; Yu VL; Reddy SC; et al: clinoradiographic correlation with the extent of Legionnaire disease, (AJR), 141: 263, 1983
Kroll M See Sun C-CJ
Krudy AG See Doppman JL
Krudy AG; Doppman JL; Bissonette MB; Girton M: hemobilia: computed tomographic diagnosis, 148: 785, 1983
Krudy AG; Doppman JL; Miller DL; Marx SJ; Norton JA; Santora AC II; Lasker RD; Down RW; Spiegel AM; Aubach GD: abnormal parathyroid glands: comparison of nonselective arterial digital arteriography, selective parathyroid arteriography, and venous digital arteriography as methods of detection, 148: 23, 1983
Kruger RA See Miller FJ
Kubik S See Valavanis A
Kubo H; Shipley WU: reduction of the scatter dose to the testicle outside the radiation treatment fields (ab), 148: 894, 1983
Kudo S; Ono M; Russell WJ: ossification of thoracic ligamenta flava, (AJR), 141: 117, 1983
Kugler J See Baltatz HA
Kuhn F-P See Gunther RW
Kuligowska E; Noble J: sonography of hepatic abscesses, (SU), 4: 102, 1983
Kullberg G See Cronqvist SE
Kumar A See Mafe MF
Kumar R; Morettin LB; Jacobi K; et al: hemorrhagic cytomegalovirus colitis in a patient with uremia (ab), 148: 875, 1983
Kumar R; Weiner MA; Schreiber MH: modified excretory urography in prehysterectomy patients (ab), 148: 876, 1983
Kummer F See Klech H
Kundel HL See Thickman DI
Kunstlinger F See Brunelle F
Kurtz AB See Pasto ME
Kuruc A See Harvey LA
Kuruc A; Treves S; Parker JA; Cheng C; Sawan A: radionuclide angiography: an improved deconvolution technique for improvement after suboptimal bolus injection: experimental results in dogs with and without atrial septal defects, 148: 233, 1983
Kushner DC See Cleveland RH
Kvicala V; Vymazal J; Nevsimalova S: computed tomography of Wilson disease, (AJR), 4: 429, 1983
Kwon OJ See Maxwell SL Jr
- L**
- Labelle H; Bunnell WP; Duhaime M; et al:** cubitus varus deformity following supracondylar fractures of the humerus in children (ab), 148: 595, 1983
Ladenheim SE See Swartz JD
Lai KN; Disney APS; Mathew TH: intrahepatic haematoma in a patient on long-term haemodialysis (ab), 148: 600, 1983
Laing FC See Jeffrey RB
Lam W See Strasberg B
Lam WC See Meek AG
Lamb G; Taylor I: assessment of ultrasound scanning in the recognition of colorectal liver metastases (ab), 148: 348, 1983

Lamb

- Lamb JT; Holland IM: myelography with iopamidol, (AJNR), 4: 851, 1983
- Lambird PA See Goin JE
- Lamki N See Raval B
- Lamki N; Raval B: computed tomography in pararenal and perirenal lesions (ab), 148: 600, 1983
- Landberg T See Lindholm C-E
- Langenstein BA See Schlüter M
- Langer LO See Brill PW
- Lantos G See Glatt SI
- Lantz BMT See Dublin AB
- Lara R See Clark WC
- Larsen PD; Osborn AG: computed tomographic evaluation of corpus callosum agenesis and associated malformations (ab), 148: 883, 1983
- Larsson S See Bergstrand G
- Larsson SG See Lukin RR
- Lasher JC See Blumhardt R
- Lasjaunias P See Morel J
- Lasker RD See Krudy AG
- Latchaw RE See Ropponen HMN
- Lauffer I See Halperin RD
- Lauffer I See Tretnikoff SW
- Laurin S; Johansen CC: oblique lateral projection of the orbital floor (ab), 148: 598, 1983
- Lauwasser M See Rose HD
- Lavine MH See Sauer D
- Lawhon SM See Cowell HR
- Lawrence FP See Miller FJ
- Lawrence JB See Baciewicz F
- Laws ER Jr See Tenny RT
- Laws ER Jr See Wharen RE Jr
- Lawson TL See Foley WD
- Lazar HL; Eckhauser FE; Thompson NW: angiographic detection of unsuspected carcinoma of the thyroid gland (ab), 148: 878, 1983
- Leachman R See Nicod P
- Leaird BJ See Bird TD
- Lebon P See Cournot-Witmer G
- Lebowitz RL See Nussbaum AR
- Lecklitner ML: gamut: liver imaging—the “widened renal fossa” sign in posterior liver scintigraphy, (SNM), 13: 298, 1983
- Leederman RB See Lupetin AR
- Lee BCP; Kneebone B; Knowles RJR; et al: quantification of gray/white matter in neonates and adults, (AJNR), 4: 692, 1983
- Lee C See Goldstein SJ
- Lee FA; McComb JG: brief clinical communication: neurogenic perineal prolapse in neonates, 148: 433, 1983
- Lee JKT See Baron RL
- Lee KE: ischemic chiasma syndrome, (AJNR), 4: 777, 1983
- Lee KR; Cox GG; Price HI; Batnitsky S; Dwyer SJ III: metric ruler for digital subtraction angiography, 148: 296, 1983
- Lee RGL See O'Leary DH
- Lee RG See Heilbrun MP
- Lee VW; Calderone AG; Falk RH; Rubinow A; Cohen AS: amyloidosis of heart and liver: comparison of Tc-99m pyrophosphate and Tc-99m methylene diphosphonate for detection, 148: 239, 1983
- Leeds NE See Suss RA
- Leeds NE; Malhotra V; Zimmerman RD: radiology of drug addiction affecting the brain, (SR), 18: 227, 1983
- Leeman S See Heckmatt JZ
- Lefleur R See Balthazar EJ
- Lehmkuhl G See Kohlmeier K
- Leib Z See Yerushalmi A
- Leitman BS; McCauley DJ; Firooznia H: multiple metallic pulmonary densities after therapeutic embolization, (ab), 148: 327, 1983
- Lennard-Jones JE See Bartram CI
- Leonardi M; Biasiello E; Fabris G; et al: CT evaluation of the lumbar-sacral spine, (AJNR), 4: 846, 1983
- Leonidas JC See Merten DF
- Leonidas JC See Radkowski MA
- Leonidas JC; Schwartz RJ; Schwartz AM; et al: one-film urogram in urinary tract infection in children, (AJR), 141: 61, 1983
- Lepke RA; Libshitz HI: radiation-induced injury of the esophagus, 148: 375, 1983
- Lerner RM: real-time ultrasonography (bk rev), 148: 808, 1983
- LeRoy AJ See Segura JW
- Lester RG: Radiological Society of North America, Inc. sixty-ninth scientific assembly and annual meeting (edit), 148: 571, 1983
- Levine MS See Trenkner SW
- Levine RS See Rosenberg HK
- Levine RS; Rosenberg HK; Zimmerman RA; et al: complications of citrobacter neonatal meningitis: assessment by real-time cranial sonography correlated with CT, (AJNR), 4: 668, 1983
- Levinsohn EM See Thero EG
- Levitin LH; Wiens CW: chronic lumbar extradural hematoma: CT findings, 148: 707, 1983
- Levy Y See Shalit M
- Levy HA; Sziklas JJ; Rosenberg RJ; et al: incidence of a pyramidal lobe on thyroid scans (ab), 148: 606, 1983
- Levy JM; Hessel SJ; Dippe SE; et al: digital subtraction angiography for localization of parathyroid lesions (ab), 148: 332, 1983
- Levy RM; Mano I; Brito A; et al: NMR imaging of acute experimental cerebral ischemia: time course and pharmacologic manipulations, (AJNR), 4: 238, 1983
- Lewis E See Bernardino ME
- Lewis E; AufderHeide JF; Bernardino ME; et al: CT detection of hepatic metastases with Ethiodized Oil Emulsion 13 (ab), 148: 599, 1983
- Lewis RA See Bryan RN
- Lewis S See Simon TR
- LeWitt PA; Forno LS; Brant-Zawadzki M: neoplastic angiogenesis: a case with spontaneous regression and radiographic appearance of cerebral arteritis (ab), 148: 883, 1983
- Lian-Chen S See Ya-Xiong S
- Lishitz HI See Lepke RA
- Lishitz HI See Edeiken JS
- Lichtenstein JE See Dachman AH
- Lichtenstein JE See Olmsted WW
- Liebscher L See Ujicje I
- Liebscher LA See Young JW
- Lien HH See Lund G
- Liesenborghs I See Consette RE
- Lieto RP See Hricak H
- Lighthdale CJ See Dworakoff B
- Likoff M; Reichek N; St. John Sutton M; et al: epicardial mapping of segmental myocardial function: an echocardiographic method applicable in man (ab), 148: 344, 1983
- Lin AS See van Sonnenberg E
- Lin DS: gamut: left upper quadrant increased uptake in bone imaging, (SNM), 13: 179, 1983
- Lin DS: gamut: neck imaging—hypervascularity in the neck on radionuclide angiography, (SNM), 13: 301, 1983
- Lin DS: gamut: neck imaging—hypovascularity in the neck on radionuclide angiography, (SNM), 13: 303, 1983
- Lin DS: gamut: “ring” sign in gallium-67 abdominal imaging, (SNM), 13: 181, 1983
- Lin JP See DeFilippis GJ
- Linder MK See Cohn JE
- Lindholm C-E; Kjellen E; Landberg T; et al: microwave-induced hyperthermia and ionizing radiation (ab), 148: 894, 1983
- Linggood RM See Shimmin DS
- Linschaw MA See Wall LL
- Lippe BM See Miller MJ
- Lipset C; Petzel H: dermatofibrosis lenticularis disseminata with osteopoikilosis (Buschke-Ollendorff syndrome) (ab), 148: 595, 1983
- Lippmann M See Fein AM
- Lipton MJ See Herkens RJ
- LiPuma JF See Cohen AM
- Lisbona R; Stern J; Derbeykan V: Tc-99m red blood cell venography in deep vein thrombosis of the leg: reply (L), 148: 577, 1983
- Lissner J See Antes G
- Little JB See Griem K
- Liu Haskin ME; Rose LI; et al: diagnosis of bilateral adrenocortical hemorrhage by computed tomography (ab), 148: 343, 1983
- Livorsi VA See Merten MJ
- Lockman LA See Scherf MS
- Loh NK; Charuzi Y; Beider C; et al: early diagnosis of nontransmural myocardial infarction by two-dimensional echocardiography (ab), 148: 344, 1983
- Loire R See Marlin J
- Lois JF See Flannigan BD
- London DA See Stark DD
- London DA; Davis PL; Williams RD; Crooks LE; Sheldon PE; Gooding CA: nuclear magnetic resonance imaging of induced renal lesions, 148: 167, 1983
- London E See Rubenson DS
- London SE See Karasawa E
- Loose HWC See Obermann WR
- Lorman JG; Biggs JR: Eagle syndrome, (AJR), 140: 881, 1983
- Lordahl R See Herrlin K
- Love L See Demos TD
- Love L See Finder CA
- Lorenzini MC; Schmutzler L: CT measurement of the normal ventricular system in premature infants, (AJNR), 4: 683, 1983
- Loriven EW See Wolff LJ
- Lowman R See Princenthal RA
- Lucantonio D See Zenobii M
- Lucas AE See Snow N
- Lucas JG See Schuller DE
- Luckraft HH; Palmer MK: randomised clinical trial of levonantradol and chlorpromazine in the prevention of radiotherapy-induced vomiting (ab), 148: 351, 1983
- Ludwig B; Kishikawa T; Wende S; et al: cranial computed tomography in disorders of complex carbohydrate metabolism and related storage disease, (AJNR), 4: 431, 1983
- Luers PD See Miller FJ
- Luers PR See Carpenter CM
- Lufkin RB See Johnson DW
- Lufkin RB; Larsen SG; Hanafee WN: NMR anatomy of the larynx and tongue base, 148: 173, 1983
- Lukin RR See Wood GW
- Lull RJ; Tatum JL; Sugerman HJ; et al: radionuclide evaluation of lung trauma, (SNM), 13: 223, 1983
- Lumbroso J-D See Berche C
- Lund G; Cragg AH; Rysavy JA; Castaneda F; Castaneda-Zuniga WR; Amplatz K: detachable stainless-steel spider: a new device for vessel occlusion, 148: 567, 1983
- Lund G; Lien HH: computed tomography of the azygo-oesophageal recess (ab), 148: 342, 1983
- Lupetin AR; King W III; Rich PJ; Lederman RB: traumatized scrotum: ultrasound evaluation, 148: 203, 1983
- Lusby RJ; Ferrell LD; Ehrenfeld WK; et al: carotid plaque hemorrhage (ab), 148: 329, 1983
- Lutzker LG: radionuclide imaging of the injured spleen and liver, (SNM), 13: 184, 1983
- Lyons BE; Enzman DR; Britt RH; et al: short term, high dose corticosteroids in computed tomographic staging of experimental brain abscess (ab), 148: 337, 1983

M

- McAlister WH See Siegel MJ
- McArdle CR; Seibel M; Weinstein F; Hann LE; Nickerson C; Taymor ML: induction of ovulation monitored by ultrasound, 148: 809, 1983
- McCabe CJ See Reilly MK
- McCarthy BJ See Wilson R
- McCarthy EF; Dorfman HD: idiopathic segmental sclerosis of vertebral bodies (ab), 148: 877, 1983
- McCarthy S; Taylor KJW: sonography of vaginal masses, (AJR), 140: 1005, 1983
- McCarthy DJ See Johansen JG
- McCauley DI See Leitman BS
- McClennan BL See Gold RP
- McComb JG See Lee FA
- McConahay WM See Hoffman DA
- McConnell BA See Kim EE
- McCrann C; Williams B: spinal extradural arachnoid pouches (ab), 148: 885, 1983
- McCullough EC; Morin RL: CT-number variability in thoracic geometry, (AJR), 141: 135, 1983
- McDonald DG; Khalil MF; Vernon JK: percutaneous transhepatic insertion of a jejunal feeding tube, 148: 309, 1983
- MacErlean D See Griffin J
- MacEwen JD See O'Neal DA
- Macey DJ; Marshall R: absolute quantitation of radiotracer uptake in the lungs using a gamma camera (ab), 148: 605, 1983
- McGahan JP See Dublin AB
- McGahan JP; Hanson F: meconium peritonitis with accompanying pseudocyst: prenatal sonographic diagnosis, 148: 125, 1983
- Mach J-P See Berche C
- Machi J See Sigel B
- Machi J; Sigel B; Beiter JC; et al: relation of in vivo blood flow to ultrasound echogenicity (ab), 148: 891, 1983
- Machida T See Maehara T
- Machin J See Fleischer AC
- McIlveen B See Freeman A
- Mackenny RP See King RJ
- McKerrow JH See Stark DD
- Mackie JA See McLean GK
- McLean AM; Simms DM; Homer MJ; ulcers in Behcet syndrome, (AJR), 140: 947, 1983
- McLean GK See Schwartz W
- McLean GK; Mackie JA; Hartz WH; et al: percutaneous alcohol injection for control of internal mammary artery bleeding, (AJR), 141: 181, 1983
- McLeod RA: incidence of bone sarcoma in Paget disease: reply (L), 148: 865, 1983
- McLone DG See Naidich TP
- McLone DG See Skolnik A
- McMillan N See Small M
- McNeil BT See Hanley JA
- McNiesh LM; Madewell JE; Allmar RM: cadaver radiography in the teaching of gross anatomy, 148: 73, 1983
- Macpherson P See Teasdale G
- Madeleine JE See McNiesh LM
- Maehara T; Machida T; Tsuchiya K; et al: brain tumors with ipsilateral cerebral hemiatrophy, (AJNR), 4: 478, 1983
- Mafee MF; Kumar A; Yannias DA; Valvassori GE; Applebaum EL: computed tomography of the middle ear in the evaluation of cholesteatomas and other soft-tissue masses: comparison with pluridirectional tomography, 148: 465, 1983
- Magistretti PL; Uren RF; Parker JA; et al: monitoring of regional cerebral blood flow by single photon emission tomography of I-123-N-isopropyl-iodoamphetamine in epileptics (ab), 148: 884, 1983

- Mah K** See Henkelman RM
Mahler F See Probst P
Mahlstedt J See Huk WJ
Makela PJ See Soini I
Makuuchi M; Hasegawa H; Yamazaki S; Bandai Y; Watanabe G; Ito T: inferior right hepatic vein: ultrasonic demonstration, **148**: 213, 1983
Malagutti C See Trevisan C
Malan MM; Van Der Westhuizen O: staged osteotomy-osteoclasis in the correction of long-bone deformities (ab), **148**: 331, 1983
Malarek M See Hildebrand J
Malhotra V See Leeds NE
Maloney JJ; Cho S-R: pelvic actinomycosis, **148**: 388, 1983
Manara O See Moschini L
Manco LG; Schneider R; Pavlov H: insufficiency fractures of the tibial plateau, (*AJR*), **140**: 1211, 1983
Mancuso AA See Halden WJ
Mancuso AA See Hanson DG
Mancuso AA See Muraki AS
Mancuso AA; Harnsberger HR; Muraki AS; Stevens MH: computed tomography of cervical and retropharyngeal lymph nodes: normal anatomy, variants of normal, and applications in staging head and neck cancer. part I: normal anatomy, **148**: 709, 1983
Mancuso AA; Harnsberger HR; Muraki AS; Stevens MH: computed tomography of cervical and retropharyngeal lymph nodes: normal anatomy, variants of normal, and applications in staging head and neck cancer. part II: pathology, **148**: 715, 1983
Manfredini M See Ruggiero G
Manfredini M See Trevisan C
Mangum C See Hisley JC
Mann H; Kozić Z; Boulos MI: CT of lightning injury, (*AJR*), **4**: 976, 1983
Mano I See Levy RM
Mansfield CM See Re'dy EK
Mansfield CM See Sou'ard M
Mantoni M; Pedersen JF: massive pseudogestational sac in ectopic pregnancy (ab), **148**: 892, 1983
Mantravadi RVP; Spigos DG; Karchesh SM; Pavel DG; Grady EG; Copek V: intra-arterial P-32 chronic phosphate for prevention of postoperative liver metastases in high-risk colorectal cancer patients, **148**: 555, 1983
Maravilla KR; Murry RC; Deck M; et al: clinical application of digital tomosynthesis: a preliminary report, (*AJR*), **4**: 277, 1983
Marchal GJ See Baert AL
Marchlinski FE; Gansler TS; Waxman HL; et al: amiodarone pulmonary toxicity (ab), **148**: 589, 1983
Marcu H See Vonofakos D
Mardia JG See Tievens AJA
Margulis AR See Moon KL Jr
Marin-Garcia J; Tonkin ILD: two-dimensional echocardiographic evaluation of persistent tricuspid arteriosus (*AJR*), **148**: 880, 1983
Markivee CR See Patel BK
Marklund T: relative width of the lower spinal canal in children (ab), **148**: 880, 1983
Markowitz RI See Ablow RC
Marks WM See Freeny PC
Marlin J; Pinet F; Loire R; et al: bronchial carcinoid tumors: radio-clinical signs—a report of twenty-nine cases (ab), **148**: 590, 1983
Marlowe FI See Swartz JD
Marrangoni AG See Hughes KS
Marsh JL See Vanner MW
Marshall C See Rosenblom S
Marshall R See Macey DJ
Marshall WH See Young SW
Martin E: leiomyomatous lung lesions: a proposed classification, (*AJR*), **141**: 269, 1983
Martinez CR See Hemphill M
Martinez RO; Coll de Tuero G; Brot FM; et al: infectious mononucleosis associated with an anterior mediastinal mass (ab), **148**: 593, 1983
Martinez S See Apple JS
Maruyama Y: californium-252 brachytherapy plus fractionated irradiation for advanced tonsillar carcinoma, **148**: 247, 1983
Marx SJ See Doppman JL
Marx SJ See Krug AD
Masdeu JC: infarct versus neoplasm on CT: four helpful signs, (*AJR*), **4**: 522, 1983
Masel JP; Tudehope D; Cartwright D; et al: osteopenia and rickets in the extremely low birth weight infant—a survey of the incidence and radiological classification (ab), **148**: 336, 1983
Massie JD; Moinuddin M; Phillips JC: acute calculous cholecystitis with patent cystic duct, (*AJR*), **141**: 39, 1983
Masuda Y See Palmer RG
Mathew TH See Lai KN
Mathias K See Bockenheimer SAM
Matin P: bone scintigraphy in the diagnosis and management of traumatic injury, (*SNM*), **13**: 104, 1983
Matozzi F; Moreau JJ; Jiddane M; et al: correlative anatomic and CT study of the lumbar lateral recess, (*AJR*), **4**: 650, 1983
Matter D; Adloff M; Warter P: ultrasonically guided percutaneous opacification of a pancreaticojejunostomy, **148**: 218, 1983
Matthews FD: intraventricular craniopharyngioma, (*AJR*), **4**: 984, 1983
Mattrey RF See van Sonnenberg E
Mattison RA See Tesic MM
Maudsley AA See Hilal SK
Mauli KI See Ammann AM
Mawad ME See Silver AJ
Mawad ME; Hilal SK; Fetell MR; et al: patterns of spinal cord atrophy by metrizamide CT, (*AJR*), **4**: 611, 1983
Maxwell DD See Melville GE
Maxwell SL Jr; Kwon OJ; Millan VG: translumbar carotid arteriography, **148**: 851, 1983
Mayr H See Klicpera M
Mazer MS; Harrigan PR: left ventricular myxoma: M-mode and two-dimensional echocardiographic features (ab), **148**: 347, 1983
Mazer S; Araujo JC; Ribeiro RC; et al: unusual computed tomographic presentation of cerebral toxoplasmosis, (*AJR*), **4**: 458, 1983
Meads GB See Muraki AS
Mebusk WK See Reddy EK
Meek AG; Lam WC; Order SE: carcinoma of the colon: irradiation by delayed split whole-abdominal technique, **148**: 845, 1983
Meerbaum S See Haendchen RV
Megahy MS See Quertermous T
Megibow AJ See Minnick JS
Megibow AJ See Subramanyam BR
Mehdorn HM; Spira G; Jamjoom ZA; et al: noninvasive evaluation of extra-/intracranial anastomoses by dynamic CT and Doppler sonography, (*AJR*), **4**: 857, 1983
Mehlman DJ; Talano JV: detection of atrioventricular disc valve malfunction by two-dimensional echocardiography (ab), **148**: 603, 1983
Mehringer CM See Tsai YY
Melchior JC See Pedersen H
Melki JP See Riché MC
Meltzer P; Elkayam U; Parsons K; et al: esophageal-pericardial fistula presenting as pericarditis (ab), **148**: 874, 1983
Melville GE; Maxwell DD: preoperative transcatheater occlusion of a saccular aneurysm of the ascending aorta, (*AJR*), **140**: 985, 1983
Mendelson SL; Fagelman D: Zwanger-Mendelsohn S: endobronchial lipoma demonstrated by CT, **148**: 790, 1983
Mendelson EB; Fisher MR; Doscher TW; et al: osteomyelitis in the diabetic foot: a difficult diagnostic challenge, (*RG*), **3**: 248, 1983
Mendelson EB; Mintz RA; Hidvegi DF: venoocclusive pulmonary infarct: an unusual complication of fibrosing mediastinitis, (*AJR*), **141**: 175, 1983
Mendiola OA See Vita HC
Mendiola OA; Grigsby PW; Beach JL: radiotherapy combined with hypoxic sensitization during radiotherapy of a solid murine tumor, **148**: 291, 1983
Mennuti ME See Mintz MC
Merino MJ; Livolsi VA: oncocyomas of the kidney (ab), **148**: 330, 1983
Merland NJ See Riché MC
Merran S See Koff D
Merritt CRB; Coulon R; Connolly E: intraoperative neurosurgeon ultrasound: transradial and transfontanellar applications, **148**: 513, 1983
Merten DE See Radkowski MA
Merten DE; Radkowski MA; Leonidas JC: should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? reply (L), **148**: 574, 1983
Merten DE; Radkowski MA; Leonidas JC: should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? second reply (L), **148**: 575, 1983
Mervis B See Handler LC
Mervis B See Schimman JD
Mervis W See Meyer J
Meskhipour H See Vasquez TE
Messer JV See Turner DA
Metcalfe JS See Curry NS
Meyer DG; Weinstein BJ: Klatskin tumors of the bile ducts: sonographic appearance, **148**: 803, 1983
Meyer J; Merk W; Schmitz H; et al: percutaneous transluminal coronary angioplasty immediately after intracoronary streptolysis of transmural myocardial infarction (ab), **148**: 332, 1983
Meyer JD See Ropollo HMM
Meyer JE; Harris NL; Elman A; Stomper PC: large-cell lymphoma of the spleen: CT appearance, **148**: 199, 1983
Meyer RL See Shehata WM
Meyerovitz M See George EA
Miao Y See Yin W-b
Michelet AA See Holtz E
Michels LG; Rutz D: colloid cysts of the third ventricle: a radiologic-pathologic correlation (ab), **148**: 338, 1983
Mickle JP See Quisling RG
Mikel FL; Asinger RW; Elsperger KJ; et al: regional status of blood in the dysfunctional left ventricle: echocardiographic detection and differentiation from early thrombosis (ab), **148**: 346, 1983
Mikity VG See Rails PW
Millan VG See Maxwell SL Jr
Miller DC See Guthamer DF
Miller DL See Krudy AG
Miller FA Jr; Seward JB; Gersh BJ; et al: two-dimensional echocardiographic findings in cardiac trauma (ab), **148**: 345, 1983
Miller FJ See Carpenter CM
Miller FJ; Mineau DE; Koehler PR; Nelson JA; Luers PD; Sherry RA; Lawrence FP; Anderson RE; Kruger RA: clinical intra-arterial digital subtraction imaging: use of small volumes of iodinated contrast material or carbon dioxide, **148**: 273, 1983
Miller JE See Sun C-C
Miller MJ; Geffner ME; Lippe BM; et al: echocardiography reveals a high incidence of bicuspid aortic valve in Turner syndrome (ab), **148**: 881, 1983
Miller NB See Savakus AD
Miller RE: atlas of x-ray diagnosis of early gastric cancer, 2nd ed. (bk rev), **148**: 632, 1983
Miller SL See Bryan RN
Miller T See Moon KL Jr
Miller V; Witten DM; Shin MS: computed tomographic findings in suburoepithelial hemorrhage (ab), **148**: 600, 1983
Miller WE See Muhm JR
Mineau DE See Miller FJ
Minkoff L See Rangel-Guerra RA
Mintz MC; Arger PH; Kressel HY: algorithmic approach to the radiologic evaluation of a suspected abdominal abscess, (*SU*), **4**: 80, 1983
Mintz MC; Mennuti M; Fishman M: prenatal aspiration of sacrococcygeal teratoma, (*AJR*), **141**: 367, 1983
Mintzer RA See Mendelson EB
Mintzer RA See Sider L
Mintzer RA See Spies WG
Mira JG See Boyer AL
Mira JG; Fullerton GD; Wescott WB: correlation between initial salivary flow rate and radiation dose in the production of xerostomia (ab), **148**: 895, 1983
Mitchell LJ See Rosen PR
Mitchell A; Fellows GJ; Smith JC: partial nephrectomy for renal haemangioma (ab), **148**: 330, 1983
Mitchell S See Renie WA
Mitnick JS; Bosniak MA; Megibow AJ; Naidich DP: non-functioning adrenal adenoma discovered incidentally on computed tomography, **148**: 495, 1983
Mitty HA; Dan SJ; Goldman HJ; et al: urinary fistulas after partial nephrectomy: treatment by segmental renal embolization, (*AJR*), **141**: 101, 1983
Mitzoguchi H See Nomura Y
Miyahara J See Sonoda M
Miyasaka K See Abe S
Miyasaka K; Kaneda K; Sato S; et al: myelopathy due to ossification or calcification of the ligamentum flavum: radiologic and histologic evaluations, (*AJR*), **4**: 629, 1983
Miyatake K; Okamoto M; Kinoshita N; et al: evaluation of tricuspid regurgitation by pulsed Doppler and two-dimensional echocardiography (ab), **148**: 344, 1983
Moder F See Christmann D
Modic MT; Weinstein MA; Pavlicek W; Starnes DL; Duchesneau PM; Bumphrey F; Hardy RJ Jr: nuclear magnetic resonance imaging of the spine, **148**: 757, 1983
Moinuddin M See Massie JD
Mojtabadi S See Khangure MS
Molyneux AJ; Sheldon PWE; Yates DA: comparative trial of sodium megamycin ioxaglate (Hexabrix) and iopamidol (Niopam) for cerebral angiography (ab), **148**: 596, 1983
Momose KJ; Davis KR; Rhea JT: hearing loss in skull fractures, (*AJR*), **4**: 781, 1983
Moncada R See Demos TC
Montali G See Solbiati L
Montemartini C See Di Guglielmo L
Moon GN See Schuknecht HF
Moon KL Jr; Davis PL; Kaufman L; Crooks LE; Sheldon PE; Miller T; Brito AC; Watts JC: nuclear magnetic resonance imaging of a fibrosarcoma tumor implanted in the rat, **148**: 177, 1983
Moon KL Jr; Federle MP: computed tomography in hepatic trauma, (*AJR*), **141**: 309, 1983
Moon KL Jr; Hricak H; Margulis AR; Bernhoff R; Way LW; Filly RA; Crooks LE: nuclear magnetic resonance imaging characteristics of gallstones in vitro, **148**: 753, 1983

Moore

- Moore AV See Fein AB
Moore AV; Korobkin M; Olanow W; et al: age-related changes in the thymus gland: CT-pathologic correlation, (AJR), 141: 241, 1983
Moore WS See Hawkes RC
Mooring P See Baltaxe HA
Moreau JJ See Mattozzi F
Morel J; Delvert JC; Lasjaunias P: vascularization of the ear (ab), 148: 885, 1983
Moretti LB See Kumar R
Mori KW See Dunlap TE
Mori KW; Bookstein JJ; Heaney DJ; Bardin JA; Donnelly KJ; Rhodes GA; Dilley RB; Warmath MA; Bernstein EF: selective streptokinase infusion: clinical and laboratory correlates, 148: 677, 1983
Morimoto S See Sone S
Morin RL See McCullough EC
Morley TP See Wortzman G
Morris TW; Sahler LG; Violante M; Fischer HW: reduction of calcium activity by radiopaque contrast media, 148: 55, 1983
Morsom BC See Butt JH
Mortensen SA See Egebald H
Moschini L; Manara O; Bonaldi G; et al: iopamidol and metrizamide in cervical myelography: side effects, EEG, and CSF changes, (AJNR), 4: 848, 1983
Moseley IF See Tatler GLV
Moss A See Ovnorfs C-O
Moss AA See Cooper C
Moss AA See Karasawa E
Moss AA See Stark DD
Moss CM See Rudavsky AZ
Mostbeck A See Kohn H
Motro M; Schneeweiss A; Shem-Tov A; et al: two-dimensional echocardiographic identification of high anatomically inserted venous atrioventricular valve in the diagnosis of corrected transposition of the great arteries (ab), 148: 603, 1983
Mueller PR See Dawson S
Mueller PR See Dawson SL
Mueller PR See Ferrucci JT Jr
Mueller PR See Papapaloucaou N
Mueller PR See vanSonnenberg E
Muettzel W; Speck U: pharmacoechemical profile of iopromide, (AJNR), 4: 350, 1983
Muhtetaler CA See Fleischer AC
Muhs JR; Miller BE; Fontana RS; Sanderson DR; Uhlenhopp MA: lung cancer detected during a screening program using four-month chest radiographs, 148: 609, 1983
Mukai T See Tamaki N
Mukuno DH See Heilbrunn MP
Muilen CB Jr; Arger PH; Coleman BG; et al: Wilms' tumor: diagnostic therapeutic implications (ab), 148: 594, 1983
Mukley DD See Holden WE
Muller HH See Young SW
Muller J See Niederauer C
Muller-Wallraf R See Rohner HG
Mulligan GM See Yousefzadeh DK
Murakami J See Hayabuchi N
Muraki AS See Manucco AA
Muraki AS; Manucco AA; Harnsberger HR; Johnson LP; Meads GB: CT of the oropharynx, tongue base, and floor of the mouth: normal anatomy and range of variations, and applications in staging carcinoma, 148: 725, 1983
Murphy RX See Newhouse JH
Murphy WA See Bishop AF
Murray L See Teasdale G
Murray PD See Bettmann MA
Murry RC See Maravilla KR
Mutluer S See Naidich TP
Myers HS; Silber W: oesophageal bleeding from aorto-oesophageal fistula due to aortic aneurysm (ab), 148: 874, 1983
Myers R See Hornsey S
Myles ST See Cochrane DD

N

- Nagar H See Friedman AP
Nagle RC See Shalhout RF
Naheedy MH See Rossier AB
Nahter HC See John V
Naidich DP See Mitnick JS
Naidich TP; Harwood-Nash DC: diastematomyelia: hemicord and meningeal sheaths; single and double arachnoid and dural tubes, (AJNR), 4: 633, 1983
Naidich TP; McLone DG; Mutluer S: new understanding of dorsal dysraphism with lipoma (lipomyeloschisis): radiologic evaluation and surgical correction, (AJR), 140: 1065, 1983
Naidich TP; McLone DG; Shkolnik A; et al: sonographic evaluation of caudal spine anomalies in children, (AJNR), 4: 661, 1983
Naidich TP; McLone DG; Yamanouchi Y: periventricular white-matter cysts in a murine model of gram-negative ventriculitis, (AJNR), 4: 461, 1983

- Naimark A See Goldberg RP
Nakagawa H; Okumura T; Sugiyama T; et al: discrepancy between metrizamide CT and myelography in diagnosis of cervical disk protrusions, (AJNR), 4: 604, 1983
Nakajima F See Chiba Y
Nakamura K See Higashi T
Nakamura K See Yamada R
Nakano H; Senoo H: technical improvement in trans-catheter embolization with 1-isobutyl-2-cyanoacrylate (ab), 148: 879, 1983
Nakatsuka H See Yamada R
Nakayama DK See Chinn DH
Nakayama T; Hiyama Y; Ohnishi K; et al: arterioport shunts on dynamic computed tomography, (AJR), 140: 953, 1983
Nakstad P See Eldevik OP
Nanda NC See Bhanderi AK
Nanda NC See Tinker DD
Nanna M; Chandraratna PA; Reid C; et al: value of two-dimensional echocardiography in detecting tricuspid stenosis (ab), 148: 890, 1983
Nanni GS; Hawkins IF Jr; Alexander JA: percutaneous transluminal angioplasty of an abdominal aortic coarctation, (AJR), 140: 1239, 1983
Nanni GS; Hawkins IF Jr; Orak JK: control of hypertension by ethanol renal ablation, 148: 51, 1983
Nashold BE See Osborne DRS
Nau HE See John V
Nealey P See Reed MD
Neff CC See Dawson SL
Neff CC See vanSonnenberg E
Negoro M; Kageyama N; Ishiguchi T: cerebrovascular occlusion by catheterization and embolization: clinical experience, (AJNR), 4: 362, 1983
Neiman IL See Calenoff L
Nekamura K; Satomi G; Sakai T; et al: clinical and echocardiographic features of pulmonary valve endocarditis (ab), 148: 890, 1983
Nelson JA See Miller FJ
Nelson RC See Sauer DD
Neufang KFR; Beyer D; Peters PE: conventional roentgen diagnosis of mediastinal lymphadenopathy (ab), 148: 599, 1983
Neumann RD See Sostman HD
Nevsimalova S See Kvicala V
Newhouse JH; Rheia JT; Murphy RX; et al: yield of screening urography in young women with urinary tract infection (ab), 148: 591, 1983
Newman T See Widrich WC
Newton TH See Simmons JD
Nezri C See Gregoire N
Nickerson C See McArdle CR
Nicod P; Corbett J; Leachman R; et al: myocardial rupture after myocardial infarction (ab), 148: 349, 1983
Nicolao N See Hatzitheofilou C
Niederauer C; Muller J; Sonnenberg A; et al: extrahepatic bile ducts in healthy subjects, in patients with cholelithiasis, and in postcholecystectomy patients: a prospective ultrasonic study (ab), 148: 891, 1983
Niemiemi M See Parisi AF
Nik NA; Glew WB; Zimmerman LE: malignant melanoma of the choroid in the nevus of Ota of a black patient (ab), 148: 340, 1983
Nilsson P See Nyman U
Nilsson P; Persson B; Kjellén E; et al: technique for microwave-induced hyperthermia in superficial human tumours (ab), 148: 894, 1983
Ninn DT See Smith EJ
Nirenberg A See Urban C
Nishitani H See Hayabuchi N
Nix W See Kretschmar K
Noble J See Kuligowska E
Noguera A See Arzua E
Nomura Y; Mitzuguchi H; Sakamoto S; et al: giant renal artery aneurysm in a child (ab), 148: 882, 1983
Nonaka C See Hiraiwa M
Norman A See Greenspan A
Norman D See Simmons JD
Norman D See Yeates A
Norton JA See Doppman JL
Norton JA See Krudy AG
Noterman J See Baleriaux D
Novelline RA See Jupiter JB
Nunes C See Andriole JG
Nussbaum AJ; Doppman JL: shoulder arthropathy in primary hyperparathyroidism (ab), 148: 877, 1983
Nussbaum AR; Lebowitz RL: interlabial masses in little girls: review and imaging recommendations, (AJR), 141: 65, 1983
Nyberg G See Bergstrom K
Nyman U; Nilsson P; Westergren A: pain and hemodynamic effects in aortofemoral angiography (ab), 148: 592, 1983

O

- Obermann WR; Loose HW: os supratrochlear dorsale: a normal variant that may cause symptoms, (AJR), 141: 123, 1983
O'Boyle JE See Parisi AF
Oestreich AE: echographie pediatrique (bk rev), 148: 798, 1983
Oestreich AE: ein- und zweidimensionale klinische echokardiographie (bk rev), 148: 528, 1983
Oestreich AE: Kohler/zimmer grenzen des normalen und anfangs des pathologischen im röntgenbild des skeletts. 12th ed. (bk rev), 148: 424, 1983
Oestreich AE: medical and pharmaceutical dictionary: English-German. 4th ed. (bk rev), 148: 374, 1983
Oestreich AE: praxis der Doppler-sonographie peripherer arterien und venen, hirversorgende arterien (bk rev), 148: 528, 1983
Oestreich AE: sonographische diagnostik innerer erkrankungen—eine praktische einführung (bk rev), 148: 532, 1983
Oestreich AE: wörterbuch der medizin und pharmazeutik. Deutsch-English. 3rd ed. (bk rev), 148: 374, 1983
Ogden DA See Ogden JA
Ogden JA; Ogden DA: skeletal metastases: the effect on the immature skeleton (ab), 148: 882, 1983
Oguz M See Valavanis A
O'Herlihy C; Evans JH; Brown JB; et al: use of ultrasound in monitoring ovulation induction with human pituitary gonadotropins (ab), 148: 348, 1983
Ohlseni H; Ekman P; Ringertz H: assessment of prostatic size with computed tomography (ab), 148: 342, 1983
Ohnishi K See Nakayama T
Ohtomo K See Itai Y
Okamoto M See Miyatake K
Okawara S: ruptured spinal ependymoma simulating bacterial meningitis (ab), 148: 885, 1983
Okumura T See Nakagawa H
Olanow W See Moore AV
O'Leary DH; Gibbons GW; Pinel DF: limitations of noninvasive testing in assessing the "occluded" carotid artery, (AJNR), 4: 759, 1983
O'Leary DH; Hill TC; Lee RGL; et al: use of 123I-iodoamphetamine and single-photon emission computed tomography to assess local cerebral blood flow, (AJNR), 4: 547, 1983
Oleson JR: hyperthermia by magnetic induction: I. physical characteristics of the technique (ab), 148: 607, 1983
Oliphant M; Berne AS: computed tomography of the subperitoneal space: demonstration of direct spread of intraabdominal disease (ab), 148: 600, 1983
Olmi P See Cellai E
Olmedo WW; Lichtenstein JE; Hyams VJ: polypoid epithelial malignancies of the esophagus, (AJR), 140: 921, 1983
Omar GM See Epstein BM
O'Mara RE: digital nuclear medicine (bk rev), 148: 832, 1983
Ominsky S See Thoeni RF
Omojola MF; Fox AJ; Auer RN; et al: hemorrhagic encephalitis produced by selective non-occlusive intracarotid BCNU injection in dogs (ab), 148: 884, 1983
O'Neal DA; MacEwen JD: early roentgenographic evaluation of bowlegged children (ab), 148: 595, 1983
One M See Kudo S
Op den Orth JO See de Roos A
Oppenheimer DA; Carroll BA; Shochat SJ: sonography of imperforate anus, 148: 127, 1983
Orak J See Nanni GS
Order SE See Meek AG
Ordóñez NG See Zornoza J
Orphanoudakis SC See Ablow RC
Orson LW; Ciglay OS: large solitary breast masses: xeromammographic-pathologic correlation, (RG), 3: 301, 1983
Osborn AG See Larsen PD
Osborne D See Drayer BP
Osborne D; Triolo P; Dubois P; et al: assessment of craniocervical junction and atlantoaxial relation using metrizamide-enhanced CT in flexion and extension, (AJNR), 4: 843, 1983
Osborne DR See Godwin JD
Osborne DR; Iacono R; Nashold BS; et al: computed tomography in the planning and evaluation of therapeutic stereotactic surgical procedures of the brain, (AJNR), 4: 807, 1983
Osterholm JI See Smullen SN
Ostrum BJ See Scanlon MH
Ovnorfs C-O; Stark D; Moss A; et al: localization of parathyroid adenoma by computed tomography (ab), 148: 601, 1983
Owen JW; Balf DM; Koehler RE; et al: radiologic evaluation of complications after esophagogastrectomy, (AJR), 140: 1163, 1983

Owens A See Probst P

P

- Pacini P See Ciatto S
 Packer RJ; Bilaniuk LT; Zimmerman RA: CT parenchymal abnormalities in bacterial meningitis: clinical significance (ab), 148: 593, 1983
 Pagani JJ: normal adrenal glands in small cell lung carcinoma: CT-guided biopsy, (AJR), 140: 949, 1983
 Pais O See Dixon S
 Pais OS See Flannigan BD
 Paicis S See Riggs TW
 Paling MR; Williamson BRJ: adrenal involvement in non-Hodgkin lymphoma, (AJR), 141: 303, 1983
 Palma JC; Hunter G; Carson SN; French SW: postoperative carotid restenosis due to neointimal fibromuscular hyperplasia: clinical, angiographic, and pathological findings, 148: 699, 1983
 Palmer MK See Lurcatt HH
 Palmer RG; Masuda Y; Carlsson E: washout curves from myocardial infarctions in dogs, studied by contrast-enhanced computed tomography (ab), 148: 887, 1983
 Papanicolaou N See Dawson S
 Papanicolaou N; Butch RJ; Mueller PR: percutaneous abscess drainage, (SU), 4: 117, 1983
 Parandian BB See Berkman WA
 Pardatscher K See Zuccarello M
 Parisi AF; Nieminen M; O'Boyle JE; et al: enhanced detection of the evolution of tissue changes after acute myocardial infarction using color-encoded two-dimensional echocardiography (ab), 148: 344, 1983
 Park H-M; Wheat LJ; Siddiqui AR; et al: scintigraphic evaluation of diabetic osteomyelitis: concise communication (ab), 148: 350, 1983
 Park JJ See Wajman Z
 Parker BR See Stempel DA
 Parker C See Williams ED
 Parker JA See Kuruc A
 Parker JA See Magistretti PL
 Parker JA See Royal HD
 Parkey RW See Simon TR
 Parkin A; Robinson PJ; Hickling P: regional lung ventilation in ankylosing spondylitis (ab), 148: 605, 1983
 Parks RE; Dublin AB: residual myelographic contrast material seen on the chest radiograph, 148: 617, 1983
 Parsons K See Meltzer P
 Passariello R See Simionetti G
 Passerini A See Savioardo M
 Pasto ME; Kurtz AB; Jarrell BE; Dubbins PA; Rifkin MD; Cole-Beuglet C; Baltarowich O; Goldberg BB: Kimray-Greenfield filter: evaluation by duplex real-time/pulsed Doppler ultrasound, 148: 223, 1983
 Patanathan V See Prempree T
 Patel B; Ho J; Sherry M; et al: thoracophalopagus conjoined twins: preoperative evaluation by scintigraphy, (AJR), 140: 1113, 1983
 Patel BK; Markive CR; George EA: pericardial cyst simulating intracardiac mass, (AJR), 141: 292, 1983
 Patel J See Gado M
 Patrick JT See Dines KA
 Patriquin HB; DiPietro M; Barber FE; et al: sonography of thickened gallbladder wall: causes in children, (AJR), 141: 57, 1983
 Patronas NJ See DeLaPaz RL
 Patronas NJ; Brooks RA; DeLaPaz RL; et al: glycolytic rate (PET) and contrast enhancement (CT) in human cerebral gliomas, (AJNR), 4: 533, 1983
 Patterson DE See Segura JW
 Paul MH See Riggs TW
 Paulin S See Edelman RR
 Paulin S See Serur JR
 Paushter DM; Borkowski GP; Buonocore E; et al: digital subtraction angiography for preoperative evaluation of extremity tumors, (AJR), 141: 129, 1983
 Pauzner D See Belhassen B
 Pavel DG See Mantravadi RVP
 Pavlicek W See Modic MT
 Pavlosky W See Kloiber R
 Pavlov H See Manco LG
 Pavlov H; Torg JS; Freiberger RH: tarsal navicular stress fractures: radiographic evaluation, 148: 641, 1983
 Pawar S See Kay CJ
 Pech P See Bergstrom K
 Pedersen H; Taudorf K; Melchior JC: computed tomography in spastic cerebral palsy (ab), 148: 879, 1983
 Pedersen JE See Mantoni M
 Peleg H See Adler OB

- Pellissier JF See Jiddane M
 Penning L See Wilimink JT
 Perez CA; Purdy JA; Breaux SR; et al: carcinoma of the tonsillar fossa (ab), 148: 598, 1983
 Perez-Payan H See Rangel-Guerra RA
 Perlmutt LM See Bettmann MA
 Persson B See Nilsson P
 Pesaresi A See Graziani L
 Peters AM; Karimjee S; Saverymuttu SH; et al: comparison of indium-111-oxine and indium-111-acetacetone labelled leucocytes in the diagnosis of inflammatory disease (ab), 148: 893, 1983
 Peters JC; Desai KK: CT demonstration of postpneumonectomy tumor recurrence, (AJR), 141: 259, 1983
 Peters PE See Neufang KFR
 Peterson HA See Gray JE
 Pettersson H; Ahlborg A: computed tomography in hemophilic pseudotumor (ab), 148: 601, 1983
 Pettersson H; Fitz CR; Harwood-Nash DCF; et al: adverse reactions to myelography with metrizamide in infants, children, and adolescents. I. general and CNS effects (ab), 148: 880, 1983
 Pettersson H; Fitz CR; Harwood-Nash DCF; et al: adverse reactions to myelography with metrizamide in infants, children, and adolescents. II. local injury caused by lumbar puncture and injection of contrast medium (ab), 148: 880, 1983
 Petzel H See Lippert C
 Pevsner PH; Klara P; Doppman J; et al: ethyl alcohol: experimental agent for interventional therapy of neurovascular lesions, (AJNR), 4: 388, 1983
 Pexman JHW; Coates RK: amnesia after femorocerebral angiography, (AJNR), 4: 979, 1983
 Peyster RG See Teplitz JC
 Peyster RG; Hoover ED; Hershey BL; et al: special article: high-resolution CT of lesions of the optic nerve, (AJR), 140: 869, 1983
 Peyster RG; Hoover ED; Viscarello RR; et al: CT appearance of the adolescent and preadolescent pituitary gland, (AJR), 4: 411, 1983
 Pfeiffer RA: ot/o-nono-peroneal syndrome: a probably new genetic entity (ab), 148: 336, 1983
 Phillips JC See Massie JD
 Phillips WC See Kattapuram SV
 Phillips WC See Rosenthal DI
 Phillips WC; Scott JA; Blasczynski G: statistics for diagnostic procedures. II. the significance of "no significance": what a negative statistical test really means, (AJR), 141: 203, 1983
 Phillips WC; Scott JA; Blasczynski G: statistics for diagnostic procedures. how sensitive is "sensitivity": how specific is "specificity"? (AJR), 140: 1265, 1983
 Picker RH; Smith DH; Tucker MH; et al: ultrasonic signs of imminent ovulation (ab), 148: 892, 1983
 Pickering TG See Sos TA
 Picozzi C See Albanese V
 Pieppars U See Endre H
 Piepzki A; Georges B; Rodesch P; et al: gastroesophageal scintiscanning in children (ab), 148: 335, 1983
 Pierallli S See Scotti G
 Pieters CH See Cooper RA
 Pinel DF See O'Leary DH
 Pinet F See Marlin J
 Pinsky SM See Ryo UY
 Pinto RS See Bannon KR
 Pinto RS See DeFilipp GJ
 Pinto RS; Kricheff II; De Filipp G; et al: vasospasm secondary to ruptured aneurysm: assessment by digital intravenous angiography, (AJNR), 4: 283, 1983
 Pirtle T; Clarke E: vascular ring: unusual cause of unilateral obstructive pulmonary hyperinflation, (AJR), 140: 1111, 1983
 Pittenger GL See Beckman RL
 Placome RC Jr See Brant-Zawadzki M
 Plainfosse M-C See Koff D
 Podhajsky P See Hayreh SS
 Pok J: prenatal diagnosis of upper intestinal tract obstruction (ab), 148: 604, 1983
 Polansky SM See Greenspan RH
 Pollack HM See Rubesin SE
 Pollak R; Reyes HM; Pringle KC: cholelithiasis in childhood and adolescence (ab), 148: 594, 1983
 Pomeranz SJ: drug addiction: an update, (SR), 18: 173, 1983
 Pope JM: applications of nuclear magnetic resonance in medicine (ab), 148: 343, 1983
 Partner O See Kloiber R
 Post MJD; Chan JC; Hensley GT; et al: toxoplasma encephalitis in Haitian adults with acquired immunodeficiency syndrome: a clinical-pathologic correlation, (AJR), 140: 861, 1983
 Pouliadis G See Brühlmann W
 Poutska F See Kohlmeyer K
- Povzhikov M See Haendchen RV
 Pratt GB See Vahey TN
 Prempree T See Brenner DE
 Prempree T: role of radiation therapy in the management of primary carcinoma of the vagina (ab), 148: 895, 1983
 Prempree T; Patanaphan V; Salazar OM: influence of treatment and tumor grade on the prognosis of stage II carcinoma of the endometrium (ab), 148: 894, 1983
 Presthus J See Amundsen P
 Preston DM See Bartram CI
 Price AC See Eggers FM
 Price HI See Batitzky S
 Price HI See Lee KR
 Price RB; Bernardino ME; Berkman WA; Sones PJ Jr; Torres WE: biopsy of the right adrenal gland by the transperitoneal approach, 148: 566, 1983
 Princenthal RA; Lowman R; Zeman RK; et al: uretersigmoidostomy: the development of tumors, diagnosis, and pitfalls, (AJR), 141: 77, 1983
 Pringle KC See Pollak R
 Probst P; Cerny P; Owens A; et al: patency after femoral angioplasty: correlation of angiographic appearance with clinical findings, (AJR), 140: 1227, 1983
 Probst P; Mahler F; Krneta A; et al: percutaneous transluminal dilatation for restoration of angiogenesis in chronic hemodialysis patients (ab), 148: 879, 1983
 Proesmans W; Van Damme B; Casser P; et al: autosomal dominant polycystic kidney disease in the neonatal period: association with a cerebral arteriovenous malformation (ab), 148: 882, 1983
 Pronger R See Borow KM
 Proto AV See Rost RC Jr
 Przybrowski JZ: iatrogenic aortocoronary vein fistula (ab), 148: 590, 1983
 Przybrowski JZ: multiple coronary vasospasm: a cause of repeated myocardial infarction and symptomatic "torsade de pointes" (atypical ventricular tachycardia) (ab), 148: 874, 1983
 Purdy JA See Perez CA
 Putman CE See Choyke PL
 Putman CE See Heaston DK
 Putman CE See Williford ME
 Pykett IL See Brady TJ
 Pykett IL See Goldman MR

Q

- Quertermous T; Megahy MS; Das Gupta DS; Griem ML: pacemaker failure resulting from radiation damage, 148: 257, 1983
 Quillard J See Brunelle F
 Quisling RG; Mickle JP; Ballinger W: high-flow, aortocaval fistulae: radiologic and histopathologic evaluation in a rat model, (AJNR), 4: 369, 1983

R

- Rabe RP See Heilbrun MP
 Rabe FE See Becker GJ
 Rabe FE See Eskridge JM
 Rabe FE; Smith EJ; Yune HY; et al: limitations of digital subtraction angiography in evaluating potential renal donors, (AJR), 141: 91, 1983
 Rabinowitz JG: comparative study of mesothelioma and asbestos using computed tomography and conventional chest radiography: reply (L), 148: 316, 1983
 Radha GK See Bradbury EM
 Radkowski MA See Merten DF
 Radkowski MA; Merten DF; Leonidas JC: abused child: criteria for the radiologic diagnosis, (RG), 3: 262, 1983
 Rafii M See Firooznia H
 Rahavendra BN See Subramanyam BR
 Ragozzino MW; Hill LM; Breckle R; Ellefson RD; Smith RC: relationship of placental grade by ultrasound to markers of fetal lung maturity, 148: 805, 1983
 Rahatzad M See Vaughan R
 Rainmondi AJ See Shkolnik A
 Ralls PW; Mikity VG; Colletti P; et al: sonography in the diagnosis and management of hepatic amebic abscess in children (ab), 148: 335, 1983
 Ramírez E; Blatt ES; Hibri NS: computed tomographic identification of calcified optic nerve drusen, 148: 137, 1983
 Ramon P See Wallart B
 Rana NA See Hendrix RW
 Randell CP See Young IR
 Ranganathan R See Sovak M
 Ranganathan RS See Kerber CW

Rangel-Guerra

- Rangel-Guerra RA; Perez-Payan H;** Minkoff L; et al: nuclear magnetic resonance in bipolar affective disorders. (*AJNR*) 4: 229, 1983
- Rao KCVG See Gellad F**
- Rao KCVG See Salzman M**
- Rao MG:** Tc-99m red blood cell venography in deep vein thrombosis of the leg (L). *148:* 577, 1983
- Rao SR See Reddy KS**
- Rapp SM See Kish KK**
- Raptopoulos V See Reuter K**
- Ratzka M; Haubitz I:** brain tumor CT attenuation coefficients: semiquantitative analysis of histograms. (*AJNR*) 4: 505, 1983
- Rausing A See Theander G**
- Raval B See Lamki N**
- Raval B; Lamki N; Bandali K:** radiologic investigation of suspected extrahepatic biliary obstruction (ab). *148:* 590, 1983
- Ravetto C See Solbiati L**
- Ravin CE See Choyke PL**
- Ravin CE See Eiferman EL**
- Ravin CE See Greenspan RH**
- Raviola C See Dixon S**
- Real F See Reuter K**
- Reba RC See Shih W-J**
- Reddy EK; Mansfield CM; Mebusk WK; et al:** prostatic carcinoma (ab). *148:* 351, 1983
- Reddy K See Schindler DM**
- Reddy KS; Robert L; Rao SR; et al:** radiation therapy in primary carcinoma of the vagina (ab). *148:* 895, 1983
- Reddy SC See Kroboth F**
- Redman JE; Arnold WC; Smith PL; et al:** hypertension and urino-thorax following an attempted percutaneous nephrostomy (ab). *148:* 881, 1983
- Reed DD See Reeves BF**
- Reed KL See Sahai DJ**
- Reed MD; Friedman AC; Nealey P:** anomalies of the left renal vein: analysis of 433 CT scans (ab). *148:* 888, 1983
- Reede DL; Bergeron RT; Whelan MA; et al:** computed tomography of cervical lymph nodes. (*RG*) 3: 339, 1983
- Reeder GS See Callahan JA**
- Reeves BF; Reed DD; Ahlstrand RA:** non-invasive carotid screening (ab). *148:* 890, 1983
- Regan PT See DiMaggio EP**
- Rehwald U See Heckemann R**
- Reichert N See Likoff M**
- Reichert N See St. John Sutton MG**
- Reid C See Nanna M**
- Reilly MK; McCabe CJ; Abbott WM; et al:** deep venous thromboembolism following aortoiliac reconstructive surgery (ab). *148:* 349, 1983
- Reinig JW; Stanley JH; Schabel SI:** CT evaluation of thickened esophageal walls. (*AJR*) **140:** 931, 1983
- Reinke DB See Emory TH**
- Rekate H See Bonstelle CT**
- Rene JB See Vita HC**
- Renie WA; Rodeheffer RJ; Mitchell S; et al:** balloon embolization of a mycotic pulmonary artery aneurysm (ab). *148:* 592, 1983
- Rentrop P; Blanke H:** percutaneous transluminal coronary artery recanalization in evolving myocardial infarction (ab). *148:* 332, 1983
- Resnick D See Cone RO**
- Resnick D See Garver P**
- Reuter K; Raptopoulos V; Reale F; et al:** diagnosis of peritoneal mesothelioma: computed tomography, sonography, and fine-needle aspiration biopsy. (*AJR*) **140:** 1189, 1983
- Reyes HM See Pollak R**
- Reynolds VH See Fleischer AC**
- Reznik-Schuller HM:** electron microscopic autoradiography of the trachea in fetal Syrian golden hamsters treated transplacentally with N-nitrosodiethylamine (ab). *148:* 352, 1983
- Rhea JT See Momose KJ**
- Rhea JT See Newhouse JH**
- Rhodes CG See Hopkins NFG**
- Rhodes GA See Mori KW**
- Rholl KS See Cragg AH**
- Rholl KS; Rysavy JA; Vlodaver Z; Cragg AH;** Castaneda-Zuniga WR; Amplast K: spermatic vein obliteration using hot contrast medium in dogs. *148:* 85, 1983
- Ribeiro RC See Mazzer S**
- Rice JF See Jelsma RK**
- Rice JR See Apple JS**
- Rich JI See Finder CA**
- Rich PJ See Lupetin AR**
- Rich S See Strasberg B**
- Richardson JD See Grant EG**
- Rich MC; Melki JP; Merland JJ:** embolization of spinal cord vascular malformations by the anterior spinal artery. (*AJNR*) **4:** 378, 1983
- Rich MC; Scialfa G; Gueguen B; et al:** giant extramedullary arteriovenous fistula supplied by the anterior spinal artery: treatment by detachable balloons. (*AJNR*) **4:** 391, 1983
- Richie JP See Bettmann MA**
- Richmond BD See Becker GJ**
- Richards D See Adams JE**
- Rider WD See Howard RJ**
- Riederer S See Enzmann DR**
- Rietti KG; Brody SA:** CT of the pituitary gland in multiple endocrine neoplasia type I syndrome. (*AJNR*) **4:** 813, 1983
- Rifkin MD See Pasto ME**
- Riggs BL See Wahner HW**
- Riggs TW; Berry TE; Aziz KU; et al:** two-dimensional echocardiographic features of interruption of the aortic arch (ab). *148:* 594, 1983
- Riggs TW; Berry TE; Paul MH:** two-dimensional echocardiographic recognition of papillary muscle fibrosis in pediatric patients (ab). *148:* 880, 1983
- Riggs TW; Paul MH; Pajicic S:** two-dimensional echocardiographic prospective diagnosis of common truncus arteriosus in infants (ab). *148:* 880, 1983
- Riles TS See Rosen RJ**
- Ring EJ See Schwarz W**
- Ringelstein EB See Zeumer H**
- Ringertz H See Ohlisen H**
- Riss B; Binder S:** value of echography in diagnosis and follow-up of perforating eye lesions (ab). *148:* 890, 1983
- Rivkin LB See Sheinfeld AM**
- Robbins AH See Widrich WC**
- Robert L See Reddy KS**
- Robert L Jr See Gehweiler JA Jr**
- Robert SS:** surgeon's view of the role of radionuclide imaging in evaluating trauma. (*SNM*) **13:** 84, 1983
- Robertson HJ; Haften HP Jr; Keating JW:** false-positive CT gas cisternogram. (*AJNR*) **4:** 474, 1983
- Robertson JH See Clark WC**
- Robinson HD See de Crespigny LC**
- Robinson PJ See Parkin A**
- Rock E See Fisher RS**
- Rodan BA See Heaston DK**
- Rodeheffer RJ See Renie WA**
- Rodesch P See Piepsz A**
- Rodgers DM; Wolf NM; Barret MJ; et al:** two-dimensional echocardiographic features of coronary arteriovenous fistula (ab). *148:* 345, 1983
- Roehm JOF JR See Bryan RN**
- Roelandt J:** contrast echocardiography (ab). *148:* 344, 1983
- Rogers LF See Hendrix RW**
- Rohner HG; Muller-Wallraf R; Wienbeck M:** tubercular stenosis of the duodenum (ab). *148:* 590, 1983
- Romanianu PA See Stoesslein F**
- Romero F See Rovira M**
- Roosen K See Hartjes H**
- Roppolo HMN; Latchaw RE:** normal pituitary gland: 2. microscopic anatomy—CT correlation. (*AJNR*) **4:** 937, 1983
- Roppolo HMN; Latchaw RE; Meyer JD; et al:** normal pituitary gland: 1. macroscopic anatomy—CT correlation. (*AJNR*) **4:** 927, 1983
- Rose FC See du Boulay GH**
- Rose HD; Dorff GJ; Lauwasser M; et al:** pulmonary and disseminated Mycobacterium simiae infection in humans (ab). *148:* 589, 1983
- Rose LI See Liu L**
- Rose PE See Small M**
- Rosel P See Cragg AH**
- Rosen P; Mitchell LJ; Treves S:** early scintigraphic diagnosis of bone stress and fractures in athletic adolescents (ab). *148:* 893, 1983
- Rosen RJ; Roven SJ; Taylor RF; Imparato AM; Riley TS:** evaluation of aorto-iliac occlusive disease by intravenous digital subtraction angiography. *148:* 7, 1983
- Rosenbaum AE See Ahn HS**
- Rosenberg HK See Levine RS**
- Rosenberg HK; Levine RS; Stoltz K; et al:** bacterial meningitis in infants: sonographic features. (*AJNR*) **4:** 822, 1983
- Rosenberg RJ See Levy HA**
- Rosenberger A See Adler OB**
- Rosenblum S; Cohen WA; Marshall C; et al:** imaging factors influencing spine and cord measurements by CT: a phantom study. (*AJNR*) **4:** 646, 1983
- Rosenfield AT See Kay CJ**
- Rosenfield AT See Vick CW**
- Rosenfield AT:** ultrasonic diagnosis of primary hyperoxaluria in infancy (L). *148:* 578, 1983
- Rosenfield NS See Ablow RC**
- Rosenthal DI; Schwartz M; Phillips WC; et al:** fracture of the radius with instability of the wrist. (*AJR*) **141:** 113, 1983
- Rosenthal L; Ammann W:** renal trauma. (*SNM*) **13:** 238, 1983
- Rosing DR See Bonow RO**
- Rossi HH See Kliauga PJ**
- Rossi M See Dalla Palma L**
- Rossi P See Simonetti G**
- Rossier AB; Foo D; Naheedy MH; et al:** radiography of posttraumatic syringomyelia. (*AJNR*) **4:** 637, 1983
- Rost RC JR; Proto AV:** inferior pulmonary ligament: computed tomographic appearance. *148:* 479, 1983
- Roth D; Griffith DP:** operative renal radiography (ab). *148:* 876, 1983
- Rottenberg RR See Gold RP**
- Roven SJ See Rosen RJ**
- Rovira M; Romero F; Ibarra B; et al:** prolapsed lumbar disk: value of CT in diagnosis. (*AJNR*) **4:** 593, 1983
- Rowe RD See Duncan WJ**
- Rowley W See Heaney D**
- Royal HD; Parker JA; Kolodny GM:** noncardiac, nontomographic applications of the slot-hole collimator: concise communication (ab). *148:* 892, 1983
- Rubenson DS; Tucker CR; London E; et al:** two-dimensional echocardiographic analysis of segmental left ventricular wall motion before and after coronary artery bypass surgery (ab). *148:* 347, 1983
- Rubesin SE; Pollack HM; Banner MP:** simplified chain cystourethrography: reply (L). *148:* 317, 1983
- Rubin JM; Dohrmann GJ:** intraoperative neurosurgical ultrasound in the localization and characterization of intracranial masses. *148:* 519, 1983
- Rubinow A See Lee VW**
- Ruckert K See Gunther RW**
- Rudavsky AZ; Moss CM:** radionuclide evaluation of peripheral vascular injuries. (*SNM*) **13:** 142, 1983
- Ruggie N See Turner DA**
- Ruggiero G; Manfredini M:** focused encephalography. (*AJNR*) **4:** 767, 1983
- Ruiz JS See du Boulay GH**
- Rumbaugh CL See Wang A-M**
- Russell KB See Swartz JD**
- Russell WJ See Hayabuchi N**
- Russell WJ See Kudo S**
- Rutz D See Michels LG**
- Rydholm A See Ekelund L**
- Ryo YU; Vaidya PV; Schneider AB; Bekerman C;** Pinsky SM: thyroid imaging agents: a comparison of I-123 and Tc-99m pertechnetate. *148:* 819, 1983
- Rysavy JA See Cragg A**
- Rysavy JA See Cragg AH**
- Rysavy JA See Lund G**
- Rysavy JA See Rholl KS**
- Rzeszotarski MS See Droege RT**
- Sackett JF See Turski PA**
- Sacks BA; Ellison HP; Bartek S; et al:** comparison of Hexabrix and Renografin-60 in peripheral arteriography. (*AJR*) **140:** 975, 1983
- Sacks GS See Goldstein SJ**
- Sadeckin S See Sos TA**
- Safwat M See Arafa NM**
- Sage MR; Wilcox J; Eville CA; et al:** comparison of blood-brain barrier disruption by intracarotid iodamylol and methylglucamine iothalamate. (*AJNR*) **4:** 893, 1983
- Sagel SS See Weinstein JB**
- Sahler LG See Morris TW**
- Sahn DJ See Hoenecke HR Jr**
- Sahn DJ See Valdes-Cruz LM**
- Sahn DJ; Barratt-Boyce BG; Graham K; et al:** ultrasonic imaging of the coronary arteries in open-chest humans: evaluation of coronary atherosclerotic lesions during cardiac surgery (ab). *148:* 345, 1983
- Sahn DJ; Horder JR; Freedman RM; et al:** cross-section: echocardiographic diagnosis and subclassification of univentricular hearts: imaging studies of atrioventricular valves, septal s., structures and rudimentary outflow chambers (ab). *148:* 346, 1983
- Sahn DJ; Shenker L; Reed KL; et al:** prenatal ultrasound diagnosis of hypoplastic left heart syndrome in utero associated with hydronephrosis (ab). *148:* 604, 1983
- St. John Sutton M See Likoff M**
- St. John Sutton MG; Reichert N; Kastor JA; et al:** computerized M-mode echocardiographic analysis of left ventricular dysfunction in cardiac amyloid (ab). *148:* 346, 1983
- Sakai T See Nakamura K**
- Sakamoto S See Nomura Y**
- Sakurai M See Asari S**
- Salazar OM See Prempree T**
- Salm C; Rao KCVG; Scott EW; et al:** CT characteristics of a transplantable canine glioma model: preliminary kinetic analysis. (*AJNR*) **4:** 786, 1983
- Sanchez F See Young JWR**
- Sanders JM Jr See Jamai WK**
- Sanders SP; Bierman FW; Williams RG:** conotruncal malformations: diagnosis in infancy using subxiphoid 2-dimensional echocardiography (ab). *148:* 881, 1983

- Sanderson DR** See Muhm JR
Sandland RM See Tiedemann K
Sandler RS See Sandler RS
Sandler RS; Sandler DP; radiation-induced cancers of the colon and rectum: assessing the risk (ab), 148: 896, 1983
San Dretto MA See Thorsen MK
Sane P See Silver AJ
Sano H See Katada K
Santamaria H; Soto B; Ceballos R; et al: angiographic differentiation of types of ventricular septal defects, (AJR), 141: 273, 1983
Santora AC II See Krudy AG
Sapire DW; Casta D: aneurysmal bulging of the interatrial septum in a newborn infant with arteriovenous fistula and congestive heart failure (ab), 148: 594, 1983
Sarwar M; Crelin ES; Kier EL; et al: experimental cord stretchability and the tethered cord syndrome, (AJNR), 4: 641, 1983
Sato M See Yamada R
Sato S See Miyasaka K
Satoh T See Asari S
Satomi G See Nekumura K
Sauer DD; Nelson RC; Lavine MH; Wu CW: acute injuries of the lateral ligaments of the ankle: comparison of stress radiography and arthrography, 148: 653, 1983
Savakus AD; Shung KK; Miller NB: distortions of ultrasound field introduced by the rib cage in echocardiography (ab), 148: 605, 1983
Savioardo M; Strada L; Passerini A; et al: computed tomography of olivopontocerebellar degeneration, (AJNR), 4: 509, 1983
Savioardo M; Strada L; Passerini A; et al: cavernous hemangiomas of the orbit: value of CT, angiography, and phlebography, (AJNR), 4: 741, 1983
Savioardo M; Strada L; Passerini A: intracranial cavernous hemangiomas: neuroradiologic review of 36 operated cases, (AJNR), 4: 945, 1983
Sawan A See Kuruk A
Sawaya R See Heffez DS
Saxe A See Doppman JL
Scanlon MH; Blumberg ML; Ostrum BJ: computed tomographic recognition of gastrointestinal pathology, (RG), 3: 201, 1983
Schaaf M See Doppman JL
Schabel SI See Reinig JW
Schatzki SC: catheter angiography through prosthetic vascular grafts using a Teflon sheath, 148: 565, 1983
Scheinberg M See Soloway MS
Scheithauer B See Wharen RE Jr
Schellingen D; Henkin RT; Smirniotopoulos JG: CT of the brain in taste and smell dysfunction, (AJNR), 4: 752, 1983
Schepens CL See Wing GL
Scher MS; Wright FS; Lockman LA; et al: intraventricular hemorrhage in the full-term neonate (ab), 148: 593, 1983
Schiller NB See DiCarlo LA Jr
Schindler DM; Reddy K; Schindler OL; et al: failure of the aortic valve to open during inspiration in cardiac tamponade (ab), 148: 603, 1983
Schindler OI See Schindler DM
Schlomowitz RA; Gross SJ; Keating E; et al: tricuspid valve prolapse: a common occurrence in the click-murmur syndrome (ab), 148: 603, 1983
Schlegel W See Gabbauer H
Schluter M; Langenstein BA; Hanrath P; et al: assessment of transesophageal pulsed Doppler echocardiography in the detection of mitral regurgitation (ab), 148: 346, 1983
Schmahmann JD; Dent DM; Mervis B; et al: cholelithiasis in an intrahepatic gallbladder (ab), 148: 600, 1983
Schmit P See Frijt J
Schmitz H See Meyer J
Schmutzler L See Lovrencic M
Schneeweiss A See Motro M
Schneider AB See Doppman JL
Schneider AB See Ryu UY
Schneider I See Stoeter P
Schneider P See Doppman JL
Schneider R See Manco LG
Schneiders NJ See Bryan RN
Schoeters GER: dose delivered to various bone and marrow sites of radium-226 injected mice related to the observed heterogeneity in damage to haemopoietic marrow cells (ab), 148: 608, 1983
Schofer J; Krebber H-J; Bleifeld W; et al: acute coronary artery occlusion during percutaneous transluminal coronary angioplasty: reopening by intracoronary streptokinase before emergency coronary artery surgery to prevent myocardial infarction (ab), 148: 592, 1983
Scholl J-M See David PR
Scholz FJ See Widrich WC
Schreiber MH See Kumar R
Schrimpf R; Karmody CS; Chasin WD; et al: sclerosing lesions of the temporal bone (ab), 148: 341, 1983
Schroeder FFI See Carpenter PJ
Schrumpf E See Kolmannskog F
Schubiger O See Valavanis A
Schubiger O; Valavanis A: postoperative lumbar CT: technique, results, and indications, (AJNR), 4: 595, 1983
Schuessler JS See Waggoner AD
Schuknecht HF; Zaytoun GM; Moon GN: adult-onset fluid in the tympanomastoid compartment (ab), 148: 886, 1983
Schuller DE; Lucas JG: nasopharyngeal paraganglioma (ab), 148: 341, 1983
Schulman A See Fataar S
Schumann EM See Yousefzadeh DK
Schwartz AM See Leonidas JC
Schwartz AN See Cleveland RH
Schwartz IS See Hermann G
Schwartz JA; Baxter J; Brill D; et al: radionuclide cerebral imaging confirming brain death (ab), 148: 884, 1983
Schwartz M See Rosenthal DI
Schwartz R See Leonidas JC
Schwarz W; McLean GK; Ring EJ; et al: nonvisualized nonoccluded graft, (AJR), 140: 979, 1983
Schwerk WB; Dombrowski H; Kalbfleisch H: ultrasound tomography and sonographically guided needle biopsy of intrathoracic masses (ab), 148: 602, 1983
Scialfa G See Riché MC
Scialfa G See Scotti G
Scialfa G; Valsecchi F; Scotti G: treatment of vascular lesions with balloon catheters, (AJNR), 4: 395, 1983
Scott EW See Salzman M
Scott JA See Phillips WC
Scotti DJ See Smallens SN
Scotti G See Scialfa G
Scotti G; Scialfa G; Pierallli S; et al: myelopathy and radiculopathy due to cervical spondylosis: myelographic-CT correlations, (AJR), 4: 601, 1983
Seeds JW; Cefalo RC: relationship of fetal limb lengths to biparietal diameter and gestational age (ab), 148: 604, 1983
Seeger JF See Carmody RF
Seeger JF; Carmody RF; Smith JRL; et al: evaluation of cerebral hemispheric contrast transit with intravenous digital subtraction angiography, (AJR), 140: 333, 1983
Seeman J See Vats TS
Segura JW See DeWeerd JH
Segura JW; Patterson DE; LeRoy AJ; et al: percutaneous removal of kidney stones (ab), 148: 333, 1983
Seibel MJ See McArdle CR
Seibert CE See Dreisbach JN
Seibert JJ; Byrne WJ; Euler AR: gastric emptying in children: unusual patterns detected by scintigraphy, (AJR), 141: 49, 1983
Seibert JJ; Byrne WJ; Euler AR; et al: gastroesophageal reflux—the acid test: scintigraphy or the pH probe?, (AJR), 140: 1087, 1983
Seibert JJ; Golladay ES; Keller C: chylothorax secondary to superior vena caval obstruction (ab), 148: 334, 1983
Seigel RS; Williams AG: efficacy of prone positioning for intravenous digital angiography of the abdomen, 148: 295, 1983
Senac MO See Stanley P
Senoo H See Nakano H
Sepulveda GU See Curtis DJ
Serur JR; Als AV; Paulin S: experimental myocardial ischemia II: radiographic contrast media toxicity (ab), 148: 328, 1983
Servadio C See Yerushalmi A
Seward JB See Huhta JC
Seward JB See Miller FA Jr
Sfakianakis GN; Al-Sheikh W; Heal A; et al: comparisons of scintigraphy with In-111 IgG-ucytokes and Ga-67 in the diagnosis of occult sepsis (ab), 148: 349, 1983
Shackford SD See Siegel MJ
Shah AA See Waggoner AD
Shalit M; Gross DJ; Levy Y: pneumococcal epiglottitis in systemic lupus erythematosus on high-dose corticosteroids (ab), 148: 599, 1983
Shallat RF; Taekman MS; Nagle RC: unusual presentation of cervical chordoma with long-term survival (ab), 148: 596, 1983
Shamraen AR See Kohlmeyer K
Shapiro LG; Friedland GW; Perskash I: transrectal sonographic voiding cystourethrogram: studies in neuromuscular bladder dysfunction, (AJR), 141: 83, 1983
Shapiro LG; Young SW: mycosis fungoidea: manifestations on computed tomography, 148: 202, 1983
Shaw DL See Vitto HC
Shea JM See Weseley MS
Sheedy PF II See Welch TJ
Shehata WM; Meyer RL; Jazy FK; et al: management of glioblastoma multiforme by irradiation and chemotherapy (ab), 148: 894, 1983
Singh BM See Singh A
Skalpe IO; Hordvik M: comparison of side effects during cerebral computed tomography with a nonionic (iohexol) and an ionic (metrizoate) contrast medium, (AJNR), 4: 326, 1983
Sheinfeld AM; Steiner AE; Rivkin LB; et al: transcutaneous drainage of abscesses of the liver guided by computed tomography scan (ab), 148: 342, 1983
Sheldon PE See Herfkens RJ
Sheldon PE See Kaufman L
Sheldon PE See London DA
Sheldon PE See Moon KL Jr
Sheldon PWE See Moloney A
Shellabarger CJ; Chmelevsky D; Kellerer AM; et al: induction of mammary neoplasms in the ACI rat by 430-keV neutrons, x-rays, and diethylstilbestrol (ab), 148: 352, 1983
Shelley BE Jr See Vujić I
Shem-Tov A See Motro M
Shenker L See Sahn DJ
Sheps SG See Welch TJ
Sherry M See Patel B
Sherry RA See Miller FJ
Sheu JC See Chen DS
Shield JB See Wolverson MK
Shih W-J; Reba RC; DeLand FH: gamut: causes of focal hepatic portal defect on ^{99m}Tc-sulfur colloid scintigraphy, (SNM), 13: 171, 1983
Shima MA See Turner DA
Shimmin DS; Linggood RM; Weitzman SA: overwhelming post-splenectomy infection in Hodgkin's disease: pathogenesis and prevention (ab), 148: 878, 1983
Shim MS See Miller V
Shim MS; Ho K-J: computed tomographic evaluation of the pathologic lesion for the idiopathic diaphragmatic paralysis (ab), 148: 887, 1983
Shipley WU See Kubo H
Shkolnik A See Naidich TP
Shkolnik A; Tomita T; Raimondi AJ; Hahn YS; McLone DG: intraoperative neurosurgical ultrasound: localization of brain tumors in infants and children, 148: 525, 1983
Shochat SJ See Oppenheimer DA
Shousha S See Spiller RC
Shukry AS See El-Tatwy S
Shung KK See Savakus AD
Sickles EA; Filly RA; Callen PW: breast cancer detection with sonography and mammography: comparison using state-of-the-art equipment, (AJR), 140: 843, 1983
Siddiqui AR See Park H-M
Sider L; Mintzer RA; Deschner TW; Kim KS; Weinberg PE: control of swallowing by use of topical anesthesia during digital subtraction angiography, 148: 563, 1983
Sieb LE See Foley WD
Siegel MJ; Shackelford GD; McAlister WH: tracheobronchography in the evaluation of anomalous left pulmonary artery (ab), 148: 334, 1983
Siegelman SS See Jones B
Sigel B See Machi J
Sigel B; Machi J; Beitler JC; Justin JR: red cell aggregation as a cause of blood-flow echogenicity, 148: 799, 1983
Silber W See Myers HS
Silberstein EB: brain scintigraphy in the diagnosis of the sequelae of head trauma, (SNM), 13: 153, 1983
Silver AJ See Ganti SR
Silver AJ; Jahn A; Sane P; et al: computed tomography of the anterverted internal auditory canal, (AJR), 4: 513, 1983
Silver AJ; Mawad ME; Hilal SK; et al: computed tomography of the cervical lymph nodes: use of intravenous contrast enhancement, (AJR), 4: 861, 1983
Silverman NH See Snider AR
Silverman PM See Ling D
Silverman PM; Harell GS; Korobkin M: computed tomography of the abnormal pericardium, (AJR), 140: 1125, 1983
Silverman PM; Korobkin M: pictorial essay: high-resolution computed tomography of the normal larynx, (AJR), 140: 875, 1983
Sims AAF See Wortzman G
Simeone JF See vanSonnenberg E
Simmons JD; Norman D; Newton TH: preoperative demonstration of postinflammatory syringomyelia, (AJR), 4: 625, 1983
Simms DM See McLean AM
Simms SM See Fezzati PJ
Simon HE See Hilal SK
Simon TR; Farkey RW; Lewis SE: role of cardiovascular nuclear medicine in evaluating trauma and the postoperative patient, (SNM), 13: 123, 1983
Simonetti G; Rossi P; Passariello R; et al: iliac artery rupture: a complication of transluminal angioplasty, (AJR), 140: 989, 1983
Singh A; Strobos RJ; Singh BM; et al: steroid-induced remissions in CNS lymphoma (ab), 148: 596, 1983
Singh BM See Singh A
Skalpe IO; Hordvik M: comparison of side effects during cerebral computed tomography with a nonionic (iohexol) and an ionic (metrizoate) contrast medium, (AJNR), 4: 326, 1983

Skias

- Skias DD** See Wang A-M
Skucas J: radiology of the pancreas (bk rev), **148**: 640, 1983
Skutta T; Vogelsang H; Galanski M; et al: clinical trial of iotrol for lumbar myelography, (AJNR), **4**: 302, 1983
Slavin ML; Glaser JS: idiopathic orbital myositis (ab), **148**: 340, 1983
Small M; Rose PE; McMillan N; et al: haemophilia and the kidney: assessment after 11-year follow-up (ab), **148**: 876, 1983
Smalling RW See Fuentes F
Smazal SF See Dreisbach JN
Smirniotopoulos JG See Grant EG
Smirniotopoulos JG See Schellingen D
Smith AD; Clayton RV; Castaneda-Zuniga WR: use of Mauerrey stone punch via percutaneous nephrostomy (ab), **148**: 591, 1983
Smith DF See Foley WD
Smith DH See Thorsen MK
Smith DH See Picker RH
Smith EJ See Rabe FE
Smith EJ; Ninn DT; Keays AG: idiopathic chondrolysis of the hip (ab), **148**: 877, 1983
Smith JC See Mitchell A
Smith JL See Seeger JF
Smith P See Strife JL
Smith PL See Redman JF
Smith RC See Ragazzino MW
Smullens SN; Scotti DJ; Osterholm JL; et al: preoperative embolization of retroperitoneal hemangiopericytomas as an aid in their removal (ab), **148**: 333, 1983
Snider AR; Silverman NH; Turley K; et al: evaluation of infradiaphragmatic total anomalous pulmonary venous connection with two-dimensional echocardiography (ab), **148**: 593, 1983
Sniderman KW See Sos TA
Snow NJ; Lucas AE; Grau M; et al: purulent mediastinal abscess secondary to Ludwig's angina (ab), **148**: 886, 1983
Soini I; Kiuru A; Makela PJ; Varpula M; Virtama P: double-contrast examination of the stomach: 100mm fluorography vs. full-size radiography, **148**: 627, 1983
Solbiati L; Montali G; Croce F; Bellotti E; Giangrande A; Ravetto C: parathyroid tumors detected by fine-needle aspiration biopsy under ultrasonic guidance, **148**: 793, 1983
Solomon A: comparative study of mesothelioma and asbestos using computed tomography and conventional chest radiography (L), **148**: 316, 1983
Solomon A: comparative study of mesothelioma and asbestos using computed tomography and conventional chest radiography: further comment (L), **148**: 316, 1983
Soloway MS; Ikard M; Scheinberg M; et al: concurrent radiation and cisplatin in the treatment of advanced bladder cancer: a preliminary report (ab), **148**: 351, 1983
Som PM; Biller HF: computed tomography of the neck in the postoperative patient: radical neck dissection and myocutaneous flap, **148**: 157, 1983
Someren A See Vita HC
Somers S See Thompson G
Sommers CJ See Horowitz BL
Sone S; Higashihara T; Morimoto S; et al: CT anatomy of hilar lymphadenopathy, (AJR), **140**: 887, 1983
Sones PJ See Price RB
Sones RA See Testic MM
Sonnenberg A See Niederau C
Sonoda M; Takano M; Miyahara J; Kato H: computed radiography utilizing scanning laser stimulated luminescence, **148**: 833, 1983
Sorkin RP See Dunlap TE
Sos TA: transhepatic portal venous embolization of varices: pros and cons (opin), **148**: 569, 1983
Sos TA; Saddekni S; Sniderman KW; et al: renal artery angioplasty: techniques and early results (ab), **148**: 333, 1983
Sos TA; Vaughan ED Jr; Pickering TG; et al: diagnosis of renovascular hypertension and evaluation of "surgical" curability (ab), **148**: 333, 1983
Sostman HD See Choyke PL
Sostman HD; Neumann RD; Gottschalk A; et al: perfusion of nonventilated lung: failure of hypoxic vasoconstriction?, (AJR), **141**: 151, 1983
Soto B See Santamaria H
Southard M; Turalba CIC; Mansfield CM; et al: radical irradiation in the primary management of localized breast carcinoma (ab), **148**: 351, 1983
Sovak M See Kerber CW
Sovak M; Ranganathan R; Kerber CW; et al: iotrol, a new myographic agent: 2, comparative electroencephalographic evaluation by spectrum analysis, (AJNR), **4**: 319, 1983
Spahrberg M See Baciewicz F
Speck U See Muetzel W
Spiegel AM See Doppman JL
Spiegel AM See Krudy AG
Spiegler P See Wexler MC
Spies SM See Spies WG
Spies WG; Spies SM; Mintzer RA: radionuclide imaging in diseases of the chest (parts I and II) (ab), **148**: 192, 1983
Spigos DG See Kennard DR
Spigos DG See Mantravadi RVP
Spigos DG See Tan WS
Spiller RC; Shousha S; Barrison IG: heterotopic gastric tissue in the duodenum (ab), **148**: 329, 1983
Spinks TJ See Hopkins NFG
Spiri G See Mehmed HM
Srinivasan G See Harris VJ
Srinivasan MK See Widrich WC
Stabile BE; Wilson SE; Debas HT: reduced mortality from bleeding pseudocysts and pseudoaneurysms caused by pancreatitis (ab), **148**: 198, 1983
Stacul F See Dalla Palma L
Stambler JH; Klibarow MI; Bliss CM; et al: tuberculous abscess of the pancreas (ab), **148**: 348, 1983
Stambuk EC See Flannigan BD
Stanley JC See Thornberry JR
Stanley JH See Reining JW
Stanley P; Sena MO; Bakody P; et al: percutaneous transluminal dilatation for renal artery stenosis in a 22-month-old hypertensive girl, (AJR), **140**: 983, 1983
Stanley RJ See Baron RL
Stark D See O'venors C-O
Stark DD; Bass NM; Moss AA; Bacon BR; McKerrow JH; Cann CE; Brito A; Goldberg HI: nuclear magnetic resonance imaging of experimentally induced liver disease, **148**: 743, 1983
Stark DD; Brasch RC; Moss AA; deLorimier AA; Albin AR; London DA; Gooding CA: recurrent neuroblastoma: the role of CT and alternative imaging tests, **148**: 107, 1983
Stark DD; Federle MP; Goodman PC; et al: radiographic assessment of tube thoracostomy, (AJR), **141**: 253, 1983
Stark DD; Federle MP; Goodman PC; et al: differentiating lung abscess and empyema: radiography and computed tomography, (AJR), **141**: 163, 1983
Stark DD; Moss AA; Brasch RC; deLorimier AA; Albin AR; London DA; Gooding CA: neuroblastoma: diagnostic imaging and staging, **148**: 101, 1983
Stark DD; Moss AA; Gooding GA; Clark OH: parathyroid scanning by computed tomography, **148**: 297, 1983
Starkey IR; de Boni DP: echocardiographic identification of right-sided cardiac intracavitary thromboemboli in massive pulmonary embolism (ab), **148**: 603, 1983
Starner DL See Modic MT
Starrett RW: high-resolution dynamic ultrasound imaging of the carotid bifurcation: a prospective evaluation (L), **148**: 317, 1983
Starshak RJ See Sty JR
Stein MG; Crues JV III; Hamlin JA: portal venous air associated with barium enema, (AJR), **140**: 1171, 1983
Steiner AE See Sheinfeld AM
Steiner RE: Hammersmith clinical experience with nuclear magnetic resonance (ab), **148**: 887, 1983
Stelzer F See Fisher RS
Stempel DA; Volberg FM; Parker BR; et al: malignant histiocytosis presenting as interstitial pulmonary disease (ab), **148**: 334, 1983
Stephens DH See Welch TJ
Stern J See Lisbona R
Stern S See Keren A
Stern WZ; Subbarao K: pulmonary complications of drug addiction, (SR), **18**: 183, 1983
Stevens JM See Yu YL
Stevens MH See Mancuso AA
Stevenson GW See Thompson G
Stewart ET See Foley WD
Stickney JB See Testic MM
Still WI See Chan JCM
Stoesslein F; Ditscheirlein G; Romaniuk PA: experimental studies on new liquid embolization mixtures (Histoacryl-Lipiodol, Histoacryl-Panthopaque) (ab), **148**: 879, 1983
Stoeper P; Bergleiter R; Schneider I; et al: side effects and resorption of iopamidol and iocarmate in lumbar myelography (ab), **148**: 597, 1983
Stokely EM See Bonte FJ
Stoker DJ See Beggs IG
Stoltz K See Rosenberg HK
Stomper PC See Meyer JE
Strada L See Savaido M
Strasberg B; Rich S; Lam W; et al: M-mode echocardiography in left bundle branch block: significance of frontal plane QRS axis (ab), **148**: 345, 1983
Streiter ML; Bosniak MA: radiology of drug addiction: urinary tract complications, (SR), **18**: 221, 1983
Strife JL; Smith P; Dunbar JS; et al: chest tube perforation of the lung in premature infants: radiographic recognition, (AJR), **141**: 73, 1983
Strikwerda S See Blankenhorn DH
Strobos RJ See Singh A
Strohbehn JW See Coughlin CT
Strother CM See Turski PA
Sturm V See Gabauer H
Styr JR; Starshak RJ: comparative imaging in the evaluation of hepatic abscesses in immunocompromised children (ab), **148**: 881, 1983
Styr JR; Starshak RJ: should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? reply (L), **148**: 573, 1983
Styr JR; Starshak RJ; Hubbard AM: radionuclide evaluation in childhood injuries, (SNM), **13**: 258, 1983
Subbarao K See Stern WZ
Subramanian AB: simplified chain cystourethrography (L), **148**: 317, 1983
Subramanyam BR; Bosniak MA; Horii SC; Megibow AJ; Balthazar EJ: re-lacement lipomatosis of the kidney: diagnosis by computed tomography and sonography, **148**: 791, 1983
Subramanyam BR; Raghavendra BN; Balthazar EJ; et al: hematosalpinx in tubal pregnancy: sonographic-pathologic correlation, (AJR), **141**: 361, 1983
Subramanyam BR; Raghavendra BN; Bosniak MA; et al: sonography of pyonephrosis: a prospective study, (AJR), **140**: 991, 1983
Sugerman HJ See Lull RJ
Sugiyama T See Nakagawa H
Sun C-CJ See Haney PJ
Sun C-CJ; Kroll M; Miller JE: primary chondrosarcoma of the lung (ab), **148**: 327, 1983
Sundaram M See Heiberg E
Sundaram M See Wolverson MK
Sundstrom C See Hagberg H
Sung JL See Chen DS
Suss RA; Zimmerman RD; Leeds NE: pseudospread of the atlas: false sign of Jefferson fracture in young children, (AJR), **140**: 1079, 1983
Sutherland JC See Konits PH
Sutro CJ; Sutro W: delayed complications of treated reduced recurrent anterior dislocations of the humeral head in young adults (ab), **148**: 591, 1983
Sutro W See Sutro CJ
Suzuki S See Higashi T
Suzuki T; Swift DL; Wagner HN Jr; et al: new apparatus for generating hygroscopic radioactive aerosols for inhalation studies (ab), **148**: 349, 1983
Swanson DP See Beckman RL
Swartz JD See Faerber EN
Swartz JD: high-resolution computed tomography of the middle ear and mastoid, part I: normal radioanatomy including normal variations, **148**: 449, 1983
Swartz JD; Goodman RS; Russell KB; Ladenheim SE; Wolfsen RJ: high-resolution computed tomography of the middle ear and mastoid, part II: surgically altered anatomy and pathology, **148**: 461, 1983
Swartz JD; Goodman RS; Russell KB; Marlowe FL; Wolfsen RJ: high-resolution computed tomography of the middle ear and mastoid, part II: tubotympanic disease, **148**: 455, 1983
Swartz JD; Russell KB; Basile BA; et al: high resolution computed tomography of the intrasellar contents: normal, near normal and abnormal, (RG), **3**: 228, 1983
Swensen T See Kolmannskog F
Swift DL See Suzuki T
Symbas PN See Greenwald LV
Sziklas JJ See Levy HA
Sztencl J; Balteraux D; Borenstein S; et al: central pontine myelinolysis: correlation between CT and electrophysiologic data, (AJNR), **4**: 529, 1983
T
Tadmor R; Cacayorin ED; Kieffer SA: advantages of supplementary CT in myelography of intraspinal masses, (AJR), **4**: 618, 1983
Taekman MS See Shallat RF
Taillefer R; Dionne D: gamut gallium-67 uptake by the heart, (SNM), **13**: 176, 1983
Takagi H See Chiba Y
Takahashi M; Hirota Y; Bussaka H; et al: evaluation of prototype equipment for digital subtraction angiography in diagnosing intracranial lesions, (AJNR), **4**: 259, 1983
Takahashi N; Kikuchi H; Karasawa J: dynamic CT in patients with superficial temporal-middle cerebral artery anastomosis, (AJNR), **4**: 454, 1983
Takanaka M See Sonoda M

- Takashima S See Inoue Y
 Takashima S See Yamada R
 Talano JV See Mehlman DJ
 Tamaki N; Mukai T; Ishii Y; et al: comparative study of thallium emission myocardial tomography with 180° and 360° data collection (ab), 148: 606, 1983
 Tampieri D; Bergstrand G: postural displacement of the brain: feasibility of using CT for determination of stereotaxic coordinates, (AJNR), 4: 725, 1983
 Tan WS See Kennard DR
 Tan WS; Spigos DG; Khine N; et al: computed air myography of the lumbosacral spine, (AJNR), 4: 609, 1983
 Tashiro K See Abe S
 Taylor GLV; Moseley IF: use of invasive neuroradiological investigations in patients with normal computerised tomography (ab), 148: 337, 1983
 Tattersall SF See Hill AB
 Tatum JL See Lull RJ
 Tauford K See Pedersen H
 Tawadros HH: upper airway obstruction (ab), 148: 589, 1983
 Taylor CR; Virapongse C; Davey LM: giant spinal cord angioma diagnosed by digital subtraction intravenous angiography and computerized tomography (ab), 148: 597, 1983
 Taylor I See Lamb G
 Taylor KJW See McCarthy S
 Taylor KJW See Vick CW
 Taylor RF See Rosen RJ
 Taylor WF See Johnson CD
 Taymor ML See McArdele CR
 Teasdale G; Galbraith S; Murray L; et al: management of traumatic intracranial haematomata (ab), 148: 337, 1983
 Teasdale G; Macpherson P: use of cavernous sinography to detect anomalies or anomalies of the infracarotid carotid artery (ab), 148: 598, 1983
 Teates CD; Tegtmeyer CJ; Croft BY; et al: effects of percutaneous transluminal angioplasty on renal plasma flow, (SNM), 13: 245, 1983
 Teather D See du Boulay GH
 Teel RL: gastrointestinal imaging in pediatrics, 2d ed. (bk rev), 148: 428, 1983
 Tegtmeyer CJ See Teates CD
 Temple JC See Baxter-Smith DC
 Tenny RT; Laws ER Jr; Younger BR; et al: neurosurgical management of optic glioma (ab), 148: 338, 1983
 Teplick JG; Peyster RG; Teplick SK; et al: CT identification of postlaminectomy pseudomeningocele, (AJR), 140: 1203, 1983
 Teplick SK See Goodman LR
 Teplick SK See Teplick JG
 Tesci MM; Mattson RA; Barnes GT; Sones RA; Stickney JB: digital radiography of the chest: design features and considerations for a prototype unit, 148: 259, 1983
 Thanopoulos BD; Frimas CA: partial splenic embolization in the management of hypersplenism secondary to Gaucher disease (ab), 148: 335, 1983
 Theander G See Ivansson S
 Theander G; Carstam N; Rausing A: longitudinally bracketed diaphyses in young children (ab), 148: 883, 1983
 Theros EG; Tomar R; Levinsohn EM; et al: radiologic-pathologic correlation conference: SUNY Upstate Medical Center: progressive lung disease in a homosexual man, (AJR), 140: 897, 1983
 Thickman DJ; Kundel HL; Wolf G: nuclear magnetic resonance characteristics of fresh and fixed tissue: the effect of elapsed time, 148: 183, 1983
 Thieme GA See Fleischer AC
 Thijssen JM: modern scanning and biometry equipment in ophthalmologic sonography (ab), 148: 890, 1983
 Thoeni RF; Goldberg HI; Ominsky S; Cello JP: detection of gastritis by single- and double-contrast radiography, 148: 621, 1983
 Thomas RG See Andrew WK
 Thompson DR See Hughes KS
 Thompson G; Somers S; Stevenson GW: benign gastric ulcer: a reliable radiologic diagnosis?, (AJR), 141: 331, 1983
 Thompson JJ See Halpert RD
 Thompson NW See Lazar HL
 Thompson TT: viewpoint: silver recovery, (RG), 3: 298, 1983
 Thomson JLG See Bradshaw JR
 Thornbury JR; Stanley JC; Fryback DG: limited use of hypertensive excretory urography (ab), 148: 330, 1983
 Thorsen MK See Chintapalli K
 Thorsen MK See Foley WD
 Thorsen MK; San Dretto MA; Lawson TL; Foley WD; Smith DF; Berlin LL: dissecting aortic aneurysms: accuracy of computed tomographic diagnosis, 148: 773, 1983
 Thrall JH See Bank ER
 Thrall JH See Beckman RL
- Thron A; Voigt K: rotational cerebral angiography: procedure and value, (AJNR), 4: 289, 1983
 Ticket L See Baleriaux D
 Tiedemann K; Chessells JM; Sandland RM: isolated testicular relapse in boys with acute lymphoblastic leukaemia: treatment and outcome (ab), 148: 594, 1983
 Tievensky AL; Druy EM; Mardiat JC: transluminal angioplasty in post-surgical stenosis of the extracranial carotid artery, (AJNR), 4: 800, 1983
 Till P: state of development and clinical significance of ultrasound diagnostics in intracranial diseases (ab), 148: 890, 1983
 Tinker DD; Nanda NC; Harris JP; et al: two-dimensional echocardiographic identification of pulmonary artery branch stenosis (ab), 148: 345, 1983
 Tisnado J See Schi-SR
 Tobias C See Cohen C
 Tobocnik N See Wexler MC
 Tokuno H; Uchino M; Imamura S; et al: Minamata disease (organic mercury poisoning): neuroradiologic and electrophysiologic studies (ab), 148: 884, 1983
 Tomar R See Theran EG
 Tomassello F See Albanese V
 Tomita T See Shikohnik A
 Tomstick TA See Wood GW
 Tonkin ILD See Marin-Garcia J
 Torg JS See Pavlov H
 Torres WE See Price RB
 Train JS See Dan SJ
 Traube J See White CA
 Trembley BS See Coughlin CT
 Trempe CL See Wing GL
 Trenkner SW; Levine MS; Laufer I; et al: idiopathic esophageal varix, (AJR), 141: 43, 1983
 Treves S See Kuruc A
 Treves S See Rosen PR
 Trevisan C; Malagutti C; Manfredini M; et al: ipamidol vs. metrizamide myelography: clinical comparison of side effects, (AJNR), 4: 306, 1983
 Trier HG: ultrasound in ophthalmology (ab), 148: 890, 1983
 Troilo P See Osborne D
 Tristan TA: President's address: if I were in charge of radiology, 148: 353, 1983
 Troisi F See Campana SA
 Tsai FY; Hieshima GB; Mehringer CM; et al: delayed effects in the treatment of carotid-cavernous fistulas, (AJNR), 4: 357, 1983
 Tsuchiya K See Maehara T
 Tucker AK See Willson SA
 Tucker CR See Rubenson DS
 Tucker MH See Picker RH
 Tudehope D See Masel JP
 Turbalba CIC See Southard M
 Turbiner E See Hughes KS
 Turley K See Snider AR
 Turnbull IW: isotopic cerebral perfusion studies before and after extracranial/intracranial bypass, (AJNR), 4: 566, 1983
 Turner DA; Shima MA; Ruggie N; Von Behren PL; Jarosky MJ; Ali G; Groch MW; Messer JV; Fordham EW: coronary artery disease: detection by phase analysis of rest/exercise radionuclide angiograms, 148: 539, 1983
 Turski PA; Sackett JF; Gentry LR; et al: clinical comparison of metrizamide and ipamidol for myelography, (AJNR), 4: 309, 1983
 Turski PA; Zwiebel WI; Strother CM; et al: limitations of intravenous digital subtraction angiography, (AJNR), 4: 271, 1983
 Tzivoni D See Keren A
- U**
- Uchino M See Tokuno H
 Udvarhelyi GB See Heffez DS
 Uhlenhopp MA See Muhm JR
 Ulreich S: ultrasound in the evaluation of renal papillary necrosis (L), 148: 1983
 Umans RS See Griem K
 Urban C; Nirenberg A; Caparros B; et al: chemical pleuritis as the cause of acute chest pain following high-dose methotrexate treatment (ab), 148: 873, 1983
 Uren RF See Magistretti PL
 Uren RF See Royal HD
 Uy J See Bohm N
- V**
- Vadala G See Di Guglielmo L
 Vade A See Amendola MA
 Vade A; Jafri SZH; Agha FP; et al: radiologic evaluation of gastrostomy complications, (AJR), 141: 325, 1983
- Vahey TN; Pratt GB; Baum RS: treatment of localized pulmonary interstitial emphysema with selective bronchial intubation, (AJR), 140: 1107, 1983
 Vaidya PV See Ryo UY
 Valavanis A See Schubiger O
 Valavanis A; Kubik S; Schubiger O: high-resolution CT of the normal and abnormal fallopian canal, (AJNR), 4: 748, 1983
 Valavanis A; Schubiger O; Oguz M: high-resolution CT investigation of nonchromaffin paragangliomas of the temporal bone, (AJNR), 4: 516, 1983
 Valdes-Cruz LM; Sahn DJ; Horowitz S; et al: can tracking of contrast echocardiographic targets be used to measure intracardiac flow velocities (ab), 148: 890, 1983
 Valicenti JE See Gobien RP
 Valancien G; Domez Y; Aubry MC; et al: percutaneous nephrostomy in utero (ab), 148: 592, 1983
 Valnes K See Kolmannskog F
 Valsecchi F See Scialfa G
 Valvassori GE See Mafee MF
 Vance WS See Crawford MH
 Van Damme B See Proesmans W
 Van Der Westhuizen O See Malan MM
 Vanel D; Bayle C; Hartmann O; et al: radiological study of two disseminated malignant non-Hodgkin lymphomas affecting only the bones in children (ab), 148: 883, 1983
 Vanel D; Contesso G; Couanet D; et al: computed tomography in the evaluation of 41 cases of Ewing's sarcoma (ab), 148: 888, 1983
 van Heerden JA See Welch TJ
 Van Hove ED See Farid NA
 van Kaick G See David E
 Vanner MW; Gads MH; Marsh JL: three-dimensional display of intracranial soft-tissue structures, (AJNR), 4: 520, 1983
 van Sonnenberg E; Ferrucci JT Jr; Neff CC; Mueller PR; Simeone JF; Wittener B: biliary pressure, manometric and perfusion studies at percutaneous transhepatic cholangiography and percutaneous biliary drainage, 148: 41, 1983
 van Sonnenberg E; Lin AS; Deutscher AJ; Matthey RF: percutaneous biopsy of difficult mediastinal, hilar, and pulmonary lesions by computed tomographic guidance and a modified coaxial technique, 148: 300, 1983
 van Waes PFGM See Feldberg MAM
 van Waes PFGM; Koehler PR; Feldberg MAM: management of rectal carcinoma: impact of computed tomography, (AJR), 140: 1137, 1983
 Varpuula M See Soini I
 Vas WG See Wolverson MK
 Vasquez TE; Bridges RL; Braunstein P; Janshoff A-L; Meshkinpour H: gastrointestinal ulcerations: detection using a technetium-99m-labeled ulcer-avid agent, 148: 227, 1983
 Vatin MH See Kolmannskog F
 Vatis TS; Seeman J: bilateral Wilms' tumor (ab), 148: 881, 1983
 Vaughan ED Jr See Sos TA
 Vaughan R; Henderson SC; Rahatzad M; et al: unsuspected adnexal masses in renal transplant recipients (ab), 148: 330, 1983
 Vaughan R See Heaton FC
 Velcer FT See Friedman AP
 Vermund H; Brennhovd IO; Kaalhus O; et al: carcinoma of the tongue in Norway and Wisconsin (ab), 148: 894, 1983
 Vernon JK See McDonald DG
 Vick CW; Bird KI Jr; Rosenfeld AT; Visconti GN; Taylor KJW: scrotal masses with a uniformly hyperechoic pattern, 148: 209, 1983
 Vigorita VJ See Hewes RC
 Vilhelmsen R See Egglestad H
 Vinuelas FV; Debrun GM; Fox AJ; et al: dominant-hemisphere arteriovenous malformations: therapeutic embolization with isobutyl-2-cyanoacrylate, (AJNR), 4: 595, 1983
 Violante M See Morris TW
 Virapongse C See Taylor CR
 Virtama P See Soini I
 Viscarello RR See Peyster RG
 Visconti GN See Vick CW
 Vita HC; Mendiondo OA; Shaw DL; Jelden G; Rene JB; Frias Z; Someren A: nasopharyngeal carcinoma in the second decade of life, 148: 253, 1983
 Vittek JJ: percutaneous transluminal angioplasty of the external carotid artery, (AJNR), 4: 796, 1983
 Vlodavcer Z See Cragg AH
 Vlodavcer Z See Rholl KS
 Vock P See Godwin JD
 Vogelsang H See Skutka T
 Vogelsang H; Dietz K: stereoscopic magnification in spinal angiography, (AJNR), 4: 588, 1983
 Voigt K See Thron A
 Volberg FM See Stempel DA
 Von Behren PL See Turner DA
 Vonofakos D; Hacker H; Grau H: direct visualization of intracranial aneurysms by multiplane dynamic CT, (AJNR), 4: 425, 1983

Vonofakos

- Vonofakos D; Marcu H; Hacker H:** CT diagnosis of basilar artery occlusion, (AJNR), 4: 525, 1983
Voorhees RL See Johnson DW
Vordermark JS II; Favila MQ: testicular necrosis: a preventable complication of epididymitis (ab), 148: 606, 1983
Vujic I See Gobien RP
Vujic I; Young JWR; Gobien RP; Dawson WT; Liebscher L; Shelley BE Jr: massive pulmonary embolism: treatment with full heparinization and topical low-dose streptokinase, 148: 671, 1983
Vymazal J See Kvicala V

W

- Waggoner AD; Shah AA; Schuessler JS; et al:** effect of cardiac surgery on ventricular septal motion: assessment by intraoperative echocardiography and cross-sectional two-dimensional echocardiography (ab), 148: 891, 1983
Wagner HN Jr See Suzuki T
Wahner HW; Dunn WL; Riggs BL: noninvasive bone mineral measurements, (SNM), 13: 282, 1983
Wahr D See Gutman J
Wajzman Z; Garra M; Park JJ; et al: transabdominal fine needle aspiration and retroperitoneal lymph nodes in staging of genitourinary tract cancer (correlation with lymphography and lymph node dissection findings) (ab), 148: 590, 1983
Waletzko T See Fukamachi A
Wall LL; Linshaw MA; Ballie MD; et al: pneumatois intestinalis in a pediatric renal transplant patient (ab), 148: 335, 1983
Wallaert B; Ramon P; Fournier E; et al: bronchoalveolar lavage, serum angiotensin-converting enzyme, and gallium-67 scanning in extrathoracic sarcoidosis (ab), 148: 349, 1983
Wandtke JC: needle biopsy and transbronchial biopsy (bk rev), 148: 402, 1983
Wang A-M; Skias DD; Rubnaucll CL; et al: central nervous system changes after radiation therapy and/or chemotherapy: correlation of CT and autopsy findings, (AJNR), 4: 466, 1983
Wang YS See Gutman J
Ward MJ; Davies D: pulmonary aspergilloma after radiation therapy (ab), 148: 352, 1983
Warmath M See Heehey D
Warmath MA See Mori KW
Warren P See Horney S
Warren WC; Warshaw BL; Hymes LC; et al: selective embolization of a stenotic intrarenal artery for control of hypertension (ab), 148: 336, 1983
Warshaw BL See Warren WC
Warter P See Matter D
Watanabe G See Makuchi M
Waters DD See David PR
Watt I See Auchincloss JM
Watt I; Dieppa PA: medial femoral condyle necrosis and chondrocalcinosis—a causal relationship? (ab), 148: 878, 1983
Watts JC See Moon KL Jr
Waxman HL See Marchlinski FE
Waxman M See Dallemand S
Way LW See Moon KL Jr
Wayne PH III; Whelan JG Jr: susceptibility testing of biliary bacteria obtained before bile duct manipulation, (AJR), 140: 1185, 1983
Webb JAC; Cranley K; Bell TK: preliminary investigation of radiation dose selection on an EMI CT5000 whole body scanner using a copper wedge (ab), 148: 896, 1983
Weber DA: physics and instrumentation of nuclear medicine (bk rev), 148: 546, 1983
Weichselbaum RR See Griem K
Weikl A; Hubmann M: survey of contrast media used in coronary angiography (ab), 148: 329, 1983
Weinberg PE See Sider L
Weiner JM See Feldon SE
Weiner MA See Kumar R
Weingrad DN See Dworkin B
Weinstein BJ See Meyer DG
Weinstein F See McArdle CR
Weinstein JB; Aronberg DJ; Sagel SS: CT of fibrosing mediastinitis: findings and their utility, (AJR), 141: 247, 1983
Weinstein MA See Modic MT
Weinstein PR; Karpman RR; Gall EP; et al: spinal cord injury, spinal fracture, and spinal stenosis in anklyosing spondylitis (ab), 148: 597, 1983
Weinstein ZR; Downey EF Jr: spontaneous hemorrhage in medulloblastomas, (AJNR), 4: 986, 1983
Weintraub R See Edelman RR
Weissman BN See Goldberg RP

- Weissman BN:** atlantoaxial subluxation: reply (L), 148: 865, 1983
Weissman HS; Byun KJC; Freeman LM: role of Tc-99m IDA scintigraphy in the evaluation of hepatobilary trauma, (SNM), 13: 199, 1983
Weitzman SA See Shima DS
Welch TJ; Sheedy PF II; van Heerden JA; Sheps SG; Hattery RR; Stephens DH: pheochromocytoma: value of computed tomography, 148: 501, 1983
Wende S See Ludwig B
Wescott WB See Mira JG
Wesely MS; Barenfeld PA; Shea JM; et al: congenital cavus foot (ab), 148: 595, 1983
Westergren A See Nyman U
Wexler MC; Tobochnik N; Spiegler P; et al: characteristics of an intraoral cone for electron beam therapy with an 18 MeV linear accelerator (ab), 148: 607, 1983
Wharen RE Jr; Scheithauer B; Laws ER Jr: thrombosed arteriovenous malformations of the brain (ab), 148: 193, 1983
Wheat LJ See Park H-M
Whelan JG Jr See Wayne PH III
Whelan MA See Reede DL
White CA; Traube J: ulcerating enteritis associated with flucytosine therapy (ab), 148: 329, 1983
White MC See Jung RT
White RI Jr See Berkman WA
White SM See Farid NA
Whitley CB; Gorlin RJ: achondrogenesis: new nosology with evidence of genetic heterogeneity, 148: 693, 1983
Whitley NO See Brenner DE
Whitmore WF III See Bettmann MA
Widen L; Elmgqvist G; Greitz T; et al: PET studies of glucose metabolism in patients with schizophrenia, (AJNR), 4: 550, 1983
Widrich WC; Beckman CF; Robbins AH; Scholz FJ; Srinivasan MK; Hayes EJ; Kellum CD; Newman T: iopamidol and meglumine diatrizoate: comparison of effects on patient discomfort during aortofemoral arteriography, 148: 61, 1983
Wiebers DO; Folger WN; Forbes GS; et al: ophthalmodynamometry and ocular pneumoplethysmography for detection of carotid occlusive disease (ab), 148: 339, 1983
Wienbeck M See Rohner HG
Wiener SN See Droege RT
Wierns CW See Venkatesh LH
Wiggli U; Gratzl O: transluminal angioplasty of stenotic carotid arteries: case reports and protocol, (AJNR), 4: 793, 1983
Wilcox J See Sage MR
Wilkins R See de Lacey G
Wilkinson RH Jr; Johnson DG: embryologic collateral venous channel on radionuclide liver/spleen study, (AJR), 141: 45, 1983
Willcock MR See Bryan RN
Williams AG See Seigel RS
Williams AL; Haughton VM; Daniels DL; Grogan JP: differential CT diagnosis of extruded nuclear pulposis, 148: 141, 1983
Williams B See McCrum C
Williams ED; Parker C: kidney pseudotumor diagnosed by emission computed tomography (ab), 148: 342, 1983
Williams JP See Baese CS
Williams RA See Hiatt JR
Williams RD See Hricak H
Williams RD See London DA
Williams RG See Sanders SP
Williamson BRJ See Paling MR
Williamson RA See Foucar E
Williford ME; Hidalgo H; Putman CE; et al: computed tomography of pleural disease, (AJR), 140: 909, 1983
Wills K See du Boulo GH
Wilson SA; Adam EJ; Tucker AK: patterns of breast skin thickness in normal mammograms (ab), 148: 331, 1983
Wilmink JT; Penning L: influence of spinal posture on abnormalities demonstrated by lumbar myelography, (AJNR), 4: 656, 1983
Wilms GE See Baert AL
Wilner HI See Kish KK
Wilson CB See Hill SA
Wilson R; Kanto WP Jr; McCarthy BJ; et al: age at onset of necrotizing enterocolitis (ab), 148: 881, 1983
Wilson SE See Hiatt JR
Wilson SE See Stabile BE
Winfield AC See Fleischer AC
Wing GL; Schepens CL; Trempe CL; et al: serous choroidal detachment and the thickened-choroid sign detected by ultrasonography (ab), 148: 340, 1983
Wing J; Kalk WJ; Ganda C: high radio-isotope uptakes in patients with hypothyroidism (ab), 148: 893, 1983
Winzelberg GG See Dennis JB
Winzelberg GG: gamut: photod-deficient areas around the heart, (SNM), 13: 174, 1983
Wirell S: binding of metrizamide to human serum proteins (ab), 148: 606, 1983
Wise A See Andreou J
Witten DM See Miller V
Wittenberg J See von Sonnenberg E
Wix H See Al-Nouri MB
Wixson RL See Hendrix RW
Wolf G See Thickman DI
Wolf NM See Rodgers DM
Wolff UJ; Lovrien EW: management of fractures in hemophilia (ab), 148: 877, 1983
Wolfson RJ See Swartz JD
Wolverson MK See Heiberg E
Wolverson MK: Crepps LF; Sundaram M; Heiberg E; Vas WG; Shields JB: hyperdensity of recent hemorrhage at body computed tomography: incidence and morphologic variation, 148: 779, 1983
Wong TZ See Coughlin CT
Wong W See Jeffrey RB
Wong WS; Filby RA: polyhydramnios associated with fetal limb abnormalities, (AJR), 140: 1001, 1983
Wood BP: skeletal injury in the child (bk rev), 148: 124, 1983
Wood GW; Lukin RR; Tomskick TA; et al: digital subtraction angiography with intravenous injection: assessment of 1,000 carotid bifurcations, (AJR), 140: 855, 1983
Worthington BS: clinical prospects for nuclear magnetic resonance (ab), 148: 602, 1983
Worthington BS; Keane DM; Hawkes RC; et al: NMR imaging in the recognition of giant intracranial aneurysms, (AJR), 4: 835, 1983
Wortzman G; Sima AAF; Morley TP: cerebral dysplastic vascular malformation: a developmental arrest, 148: 443, 1983
Wright FS See Scher MS
Wroblewski EM See Callahan JA
Wu CW See Sauer DD
Wyatt DA See Kase CS
Wyman AC: gastrointestinal radiology: a pattern approach (bk rev), 148: 632, 1983

Y

- Yamada R; Sato M; Kawabata M; Nakatsuka H; Nakamura K; Takashima S:** hepatic artery embolization in 120 patients with unresectable hepatoma, 148: 397, 1983
Yamamoto Y See Naidich TP
Yamazaki S See Makuchi M
Yandow DR See Brill PW
Yannias DA See Mafee MF
Yarnold JR; Jelliffe AM; Hudson GV: factors affecting relapse following chemotherapy for Hodgkin's disease (ab), 148: 332, 1983
Yates DA See Moloney AJ
Ya-Xiong S; Lian-Chen S: meconium peritonitis—observations in 115 cases and antenatal diagnosis (ab), 148: 335, 1983
Yeager VL See Archer CR
Yeates A; Brant-Zawadzki M; Norman D; et al: nuclear magnetic resonance imaging of syringomyelia, (AJNR), 4: 234, 1983
Yeh H-C; Gordon A; Kirschner PA; et al: computed tomography and sonography of thymolipoma, (AJR), 140: 1131, 1983
Yerushalmi A; Servadio C; Leib Z; et al: local hyperthermia for treatment of carcinoma of the prostate: a preliminary report (ab), 148: 607, 1983
Yin W-b; Zhang L; Miao Y; et al: results of high-energy electron therapy in carcinoma of the oesophagus compared with telecobalt therapy (ab), 148: 894, 1983
Yiu-Chiu V See Foucar E
Yiu-Chiu V; Chiou L: multiple imaging modalities in the evaluation of musculoskeletal masses (b), 148: 888, 1983
Young IR See Droege RT
Young IR; Bydder GM; Hall AS; et al: extracerebral collections: recognition by NMR imaging, (AJNR), 4: 833, 1983
Young IR; Bydder GM; Hall AS; et al: NMR imaging in the diagnosis and management of intracranial angiomas, (AJNR), 4: 837, 1983
Young IR; Bydder GM; Hall AS; et al: role of NMR imaging in the diagnosis and management of acoustic neuroma, (AJNR), 4: 223, 1983
Young IR; Randell CP; Kaplan PW; et al: nuclear magnetic resonance (NMR) imaging in white matter disease of the brain using spin-echo sequences (ab), 148: 887, 1983
Young JW; Liebscher LA: postirradiation osteogenic sarcoma with unilateral metastatic spread within the field of irradiation (ab), 148: 896, 1983
Young JWR See Vujic I
Young JWR; Sanchez F: use of sedation in the barium enema examination of uncooperative patients, (AJR), 141: 340, 1983
Young SW See Shapeero LG
Young SW; Muller HH; Marshall WH: computed tomography: beam hardening and environmental density artifact, 148: 279, 1983

- Younge BR See Bullen CL
Younge BR See Tenny RT
Younge BR: emergent treatment of central retinal artery occlusion caused by embolism: comment (L), 148: 866, 1983
Yousefzadeh DK; Schumann EM;
Mulligan GM; et al: role of imaging modalities in diagnosis and management of pyomyositis (ab), 148: 882, 1983
Yu VL See Kiroth FJ
Yu YL; Stevens JM; Kendall B; et al: cord shape and measurements in cervical spondylotic myelopathy and radiculopathy, (AJNR), 4: 839, 1983
Yune HY See Becker GJ
Yune HY See Rabe FE
- Z**
- Zachrisson L: simple renal cysts treated with bismuth phosphate at the diagnostic puncture (ab), 148: 330, 1983
- Zaytoun GM See Schuknecht HF
Zednikova M See DiSessa TG
Zelch MG See Geisinger MA
Zeman RK See Princenthal RA
Zenobii M; Lucantoni D; Galzio R; et al: coarctation of the frontal horns with acute distension of the trigones (ab), 148: 883, 1983
Zeumer H See Hacke W
Zeumer H; Hacke W; Ringelstein EB: local intraarterial thrombolysis in vertebrobasilar thromboembolic disease, (AJNR), 4: 401, 1983
Zhang L See Yin W-b
Zimmerman LE See Nik NA
Zimmerman RA See Levine RS
Zimmerman RA See Packer RJ
Zimmerman RD See Leeds NE
Zimmerman RD See Suss RA
Zimmerman RD; Goldman MJ; Auster M; et al: aortic arch digital arteriography: an alternative technique to digital venous angiography and routine arteriography in the evaluation of cerebrovascular insufficiency, (AJNR), 4: 266, 1983
- Zollikofer C See Brühlmann W
Zornota J; Bernardino ME; Ordonez NG; et al: percutaneous needle biopsy of soft tissue tumors guided by ultrasound and computed tomography (ab), 148: 892, 1983
Zschiedrich H See Kretschmar K
Zuccarello M; Fiore DL; Pardatscher K; et al: importance of auditory brainstem responses in the CT diagnosis of traumatic brainstem lesions, (AJNR), 4: 481, 1983
Zwanger-Mendelsohn S See Mendelsohn SL
Zwiebel WJ See Turski PA

SUBJECT INDEX

A

- Abdomen, abnormalities** coexisting ectrodactyly-ectodermal dysplasia-clefting (EEC) and prune belly syndrome (ab), Ivarsson S; Henriksson P; Theander G, **148**: 882, 1983
- Abdomen, abscess** abdominal abscesses with enteric communications: CT findings, Chintapalli K; Thorsen MK; Foley WD; et al, **(AJR)**, **141**: 27, 1983 algorithmic approach to the radiologic evaluation of a suspected abdominal abscess, Mintz MC; Arger PH; Kressel HY, **(SU)**, **4**: 80, 1983 intraabdominal abscess: etiology and pathogenesis, Hiatt JR; Williams RA; Wilson SE, **(SU)**, **4**: 71, 1983 silent abdominal abscess: role of the radiologist, Goldstein R; Hunter TB; Haber K, **(AJR)**, **141**: 21, 1983
- Abdomen, biopsy** fine-needle biopsy directed by real-time sonography: technique and accuracy, Grant EG; Richardson JD; Smirniotopoulos JG; et al, **(AJR)**, **141**: 29, 1983
- Abdomen, computed tomography** abdominal abscesses with enteric communications: CT findings, Chintapalli K; Thorsen MK; Foley WD; et al, **(AJR)**, **141**: 27, 1983 complementary roles of radionuclide and computed tomographic imaging in evaluating trauma, Berg BC, **(SNM)**, **13**: 86, 1983 evaluation of the computed tomographic scanner for the staging of carcinoma of the cervix (ab), Brenner DE; Whitley NO; Prempree T; et al, **148**: 600, 1983 hemoperitoneum studied by computed tomography, Federle MP; Jeffrey RB Jr, **148**: 187, 1983 hyperdensity of recent hemorrhage at body computed tomography: incidence and morphologic variation, Wolverson MK; Crepps LF; Sundaram M; Heiberg E; Vas WG; Shields JB, **148**: 779, 1983
- Abdomen, diseases** computed tomography of the subperitoneal space: demonstration of direct spread of intraabdominal disease (ab), Oliphant M; Berne AS, **148**: 600, 1983
- Abdomen, effects of drugs on** abdominal complications of drug addiction: radiologic features, Balthazar EJ; Lefleur R, **(SR)**, **18**: 213, 1983
- Abdomen, hemorrhage** hemoperitoneum studied by computed tomography, Federle MP; Jeffrey RB Jr, **148**: 187, 1983 hyperdensity of recent hemorrhage at body computed tomography: incidence and morphologic variation, Wolverson MK; Crepps LF; Sundaram M; Heiberg E; Vas WG; Shields JB, **148**: 779, 1983
- Abdomen, injuries** complementary roles of radionuclide and computed tomographic imaging in evaluating trauma, Berg BC, **(SNM)**, **13**: 86, 1983
- hemoperitoneum studied by computed tomography, Federle MP; Jeffrey RB Jr, **148**: 187, 1983 fine-needle biopsy directed by real-time sonography: technique and accuracy, Grant EG; Richardson JD; Smirniotopoulos JG; et al, **(AJR)**, **141**: 29, 1983 nuclear magnetic resonance (NMR) studies nuclear magnetic resonance imaging of vasculature of abdominal viscera: normal and pathologic features, Higgins CB; Goldberg H; Hricak H; et al, **(AJR)**, **140**: 1217, 1983
- Abdomen, radiography** abdominal complications of drug addiction: radiologic features, Balthazar EJ; Lefleur R, **(SR)**, **18**: 213, 1983 accuracy of the plain abdominal radiograph in assessing colonic fecal contamination (ab), de Lacey G; Wilkins R; Cramer B; et al, **148**: 876, 1983 algorithmic approach to the radiologic evaluation of a suspected abdominal abscess, Mintz MC; Arger PH; Kressel HY, **(SU)**, **4**: 80, 1983 interventional radiology of the abdomen (bk rev), Ferrucci JT Jr; Wittenberg J. Reviewed by Gobien RP, **148**: 84, 1983
- Abdomen, radionuclide studies** comparison of indium-111-oxine and indium-111-acetylacetone labelled leukocytes in the diagnosis of inflammatory disease (ab), Peters AM; Karimjee S; Saverymuttu SH; et al, **148**: 893, 1983 complementary roles of radionuclide and computed tomographic imaging in evaluating trauma, Berg BC, **(SNM)**, **13**: 86, 1983 gamut: "ring" sign in gallium-67 abdominal imaging, Lin DS, **(SNM)**, **13**: 181, 1983 thoracophalangopagus conjoined twins: preoperative evaluation by scintigraphy, Patel B; Ho J; Sherry M; et al, **(AJR)**, **140**: 1113, 1983
- Abdomen, surgery** aortic aneurysm: a multifocal disease (ab), Crawford ES; Cohen ES, **148**: 329, 1983
- Abdomen, ultrasound studies** radiation therapy of non-Hodgkin's lymphoma stages I and II (ab), Hagberg H; Gimelius B; Sundstrom C, **148**: 895, 1983
- Abortion** cerebral venous sinus thrombosis: report of a case and review of the literature (ab), Tamai WK; Everhart FR Jr; Sanders JM Jr, **148**: 885, 1983
- Abscess** See also under names of individual organs and regions, such as Liver, abscess nonsurgical drainage of splenic abscess, Berkman WA; Harris SA Jr; Bernardino ME, **(AJR)**, **141**: 395, 1983 percutaneous abscess drainage, Papanicolaou N; Butch RJ; Mueller PR, **(SU)**, **4**: 117, 1983 role of imaging modalities in diagnosis and management of pyomyositis (ab), Yousefzadeh DK; Schumann EM; Mulligan GM; et al, **148**: 882, 1983 transcutaneous drainage of abscesses of the liver guided by computed tomography scan (ab), Scheinfeld AM; Steiner AE; Rivkin LB; et al, **148**: 342, 1983
- Abscess, radionuclide diagnosis** Tc-99m labeled leukocytes: preparation and use in identification of abscess and tissue rejection, Farid NA; White SM; Heck LL; Van Hove ED, **148**: 827, 1983
- Abscess, subperiosteal** association of septic thrombophlebitis with subperiosteal abscesses in children (ab), Jupiter JB; Ehrlich MG; Novelline RA; et al, **148**: 336, 1983
- Abused children** See Children, injuries; Infants, injuries
- Acid, phosphorothioic** radiotherapy combined with hypoxic sensitization during radiotherapy of a solid murine tumor, Mendiola OA; Grigsby PW; Beach JL, **148**: 291, 1983
- Acromegaly** size and erosive features of the sella turcica in acromegaly as predictors of therapeutic response to supravoltage irradiation (ab), Doms RF; Rieth KG; Gorden P; et al, **148**: 895, 1983 thyrotrophin-producing pituitary adenomas (ab), Hill SA; Falko JM; Wilson CB; et al, **148**: 341, 1983
- Actinomycosis** pelvic actinomycosis, Maloney JJ; Cho S-R, **148**: 388, 1983
- Adenocarcinoma** adenocarcinoma of an ileostomy site with skin invasion: a case report (ab), Baciewicz F; Sparberg M; Lawrence JB; et al, **148**: 875, 1983
- adenocarcinoma of the esophagus in patients with scleroderma, Halpert RD; Laufer I; Thompson JJ; et al, **(AJR)**, **140**: 927, 1983 influence of treatment and tumor grade on the prognosis of stage II carcinoma of the endometrium (ab), Prempree T; Patanaphan V; Salazar OM, **148**: 894, 1983
- Adrenal gland, abnormalities** multiple acyl-CoA dehydrogenation deficiency (glutaric aciduria type II), congenital polycystic kidneys, and symmetric warty dysplasia of the cerebral cortex in two newborn brothers. II. morphology and pathogenesis (ab), Bohm N; Uy J; Kiessling M; et al, **148**: 594, 1983
- Adrenal gland, anatomy** computed tomography of the normal adrenal gland (ab), El-Sherif MA; Hemmingson A, **148**: 601, 1983
- Adrenal gland, biopsy** biopsy of the right adrenal gland by the transhepatic approach, Price RB; Bernardino ME; Berkman WA; Sones PJ Jr; Torres WE, **148**: 566, 1983 normal adrenal glands in small cell lung carcinoma: CT-guided biopsy, Pagani JJ, **(AJR)**, **140**: 949, 1983
- Adrenal gland, calcification** adrenoleukodystrophy: new CT findings, Inoue Y; Fukuda T; Takashima S; et al, **(AJNR)**, **4**: 951, 1983

Angiocardiography, radionuclide

- Adrenal gland, computed tomography**
adrenoleukodystrophy: new CT findings, Inoue Y; Fukuda T; Takashima S; et al, (AJNR), 4: 951, 1983
computed tomography in adrenal disease (ab), Adams JE; Johnson RJ; Rickards D; et al, 148: 889, 1983
computed tomography of the adrenal gland in hypertension (ab), Dunnick NR; Korobkin M, 148: 343, 1983
computed tomography of the normal adrenal gland (ab), El-Sherief MA; Hemmingsen A, 148: 601, 1983
CT demonstration of bilateral adrenal hemorrhage, Ling D; Korobkin M; Silverman PM; et al, (AJR), 141: 307, 1983
diagnosis of bilateral adrenocortical hemorrhage by computed tomography (ab), Liu L; Haskin ME; Rose LI; et al, 148: 343, 1983
non-functioning adrenal adenomas discovered incidentally on computed tomography, Mittnick JS; Bosniak MA; Megibow AJ; Naidich DP, 148: 495, 1983
pheochromocytoma: value of computed tomography, Welch TJ; Sheedy PF II; van Heerden JA; Sheps SG; Hattery RR; Stephens DH, 148: 501, 1983
primary hyperaldosteronism: comparison of CT, adrenal venography, and venous sampling, Geisinger MA; Zelch MG; Bravo EL; et al, (AJR), 141: 299, 1983
- Adrenal gland, diseases**
computed tomography in adrenal disease (ab), Adams JE; Johnson RJ; Rickards D; et al, 148: 889, 1983
- Adrenal gland, hemorrhage**
CT demonstration of bilateral adrenal hemorrhage, Ling D; Korobkin M; Silverman PM; et al, (AJR), 141: 307, 1983
diagnosis of bilateral adrenocortical hemorrhage by computed tomography (ab), Liu L; Haskin ME; Rose LI; et al, 148: 343, 1983
- Adrenal gland, insufficiency**
adrenoleukodystrophy: new CT findings, Inoue Y; Fukuda T; Takashima S; et al, (AJNR), 4: 951, 1983
- Adrenal gland, neoplasms**
adrenal involvement in non-Hodgkin lymphoma, Paling MR; Williamson BR, (AJR), 141: 303, 1983
biopsy of the right adrenal gland by the transhepatic approach, Price RB; Bernardino ME; Berkman WA; Sones PJ Jr; Torres WE, 148: 566, 1983
computed tomography in adrenal disease (ab), Adams JE; Johnson RJ; Rickards D; et al, 148: 889, 1983
computed tomography in pararenal and perirenal lesions (ab), Lamki N; Raval B, 148: 600, 1983
computed tomography of the adrenal gland in hypertension (ab), Dunnick NR; Korobkin M, 148: 343, 1983
non-functioning adrenal adenomas discovered incidentally on computed tomography, Mittnick JS; Bosniak MA; Megibow AJ; Naidich DP, 148: 495, 1983
normal adrenal glands in small cell lung carcinoma: CT-guided biopsy, Paganini JJ, (AJR), 140: 949, 1983
pheochromocytoma: value of computed tomography, Welch TJ; Sheedy PF II; van Heerden JA; Sheps SG; Hattery RR; Stephens DH, 148: 501, 1983
- Adrenal gland, radionuclide studies**
gamut: bilateral visualization on adrenal cortical scintigraphy, Juni JE; Gross MD, (SNM), 13: 168, 1983
- Adrenoleukodystrophy**
See Adrenal gland, insufficiency
- Aerosols**
new apparatus for generating hygroscopic radioactive aerosols for inhalation studies (ab), Suzuki T; Swift DL; Wagner HN Jr; et al, 148: 349, 1983
- Aging**
age-related changes in the thymus gland: CT-pathologic correlation, Moore AV; Korobkin M; Olanow W; et al, (AJR), 141: 241, 1983
aging, dementia, and brain atrophy: a longitudinal computed tomographic study, Gado M; Hughes CP; Danziger W; et al, (AJNR), 4: 699, 1983

- clinical correlates of the coronary arteriogram (ab), Hamby RI, 148: 328, 1983
computed tomography of the azygo-oesophageal recess (ab), Lund G; Lien HH, 148: 342, 1983
CT assessment of CSF spaces in the brain in demented and nondemented patients over 60 years of age, Kohlmeyer K; Shamena AR, (AJNR), 4: 706, 1983
factors affecting relapse following chemotherapy for Hodgkin's disease (ab), Yarnold JR; Jelliffe AM; Hudson GV, 148: 332, 1983
hydrocephalus as a cause of disturbances of gait in the elderly (ab), Fisher CM, 148: 596, 1983
positron emission tomographic studies of aging and Alzheimer disease, de Leon MJ; Ferris SH; George AE; et al, (AJNR), 4: 568, 1983
- Alcohol**
control of hypertension by ethanol renal ablation, Nanni GS; Hawkins IF Jr; Orak JK, 148: 51, 1983
ethyl alcohol: experimental agent for interventional therapy of neurovascular lesions, Pevsner PW; Klara P; Doppman J; et al, (AJNR), 4: 388, 1983
percutaneous alcohol injection for control of internal mammary artery bleeding, McLean GK; Mackie JA; Hartz WH; et al, (AJR), 141: 181, 1983
- Alcoholism**
central pontine myelinolysis and rapid correction of hyponatremia (ab), Gross SG; Bell RD, 148: 337, 1983
purulent mediastinal abscess secondary to Ludwig's angina (ab), Snow N; Lucas AE; Grau M; et al, 148: 886, 1983
radionuclide demonstration of intrapulmonary shunting in cirrhosis, Bank ER; Thrall JH; Dantzker DR, (AJR), 140: 967, 1983
- Aluminum**
osteomalacia due to aluminum toxicity (ab), Cournot-Witmer G; Gagnadoux MF; Lebon P; et al, 148: 882, 1983
- Alzheimer's disease**
See Dementia
- Amnesia**
See Memory
- Amniocentesis**
placental location in pregnancies following cesarean section (ab), Hisley JC; Mangum C, 148: 604, 1983
- Amniotic fluid**
meconium peritonitis—observations in 115 cases and antenatal diagnosis (ab), Ya-Xiong S; Lian-Chen S, 148: 335, 1983
polyhydramnios associated with fetal limb abnormalities, Wong WS; Filly RA, (AJR), 140: 1001, 1983
- Amyloidosis**
amyloidosis of heart and liver: comparison of Tc-99m pyrophosphate and Tc-99m methylene diphosphonate for detection, Lee VW; Calderone AG; Falk RH; Rubinow A; Cohen AS, 148: 239, 1983
computerized M-mode echocardiographic analysis of left ventricular dysfunction in cardiac amyloid (ab), St. John Sutton MG; Reichek N; Kastor JA; et al, 148: 346, 1983
femoral neck erosions: sign of hip joint synovial disease, Goldberg RP; Weissman BN; Naimark A; et al, (AJR), 141: 1978, 1983
- Anatomy**
cadaver radiography in the teaching of gross anatomy, McNies LM; Madewell JE; Allman RM, 148: 73, 1983
- Anemia**
computed tomography in the early detection of skeletal involvement with multiple myeloma (ab), Helms CA; Genant HK, 148: 888, 1983
left ventricular end-systolic pressure-dimension relation in patients with thalassemia major (ab), Borow KM; Propper R; Bierman FZ; et al, 148: 346, 1983
spinal epidural extramedullary hematopoiesis with spinal cord compression in a patient with refractory sideroblastic anemia (ab), Hefez DS; Sawaya R; Udvarhelyi GB; et al, 148: 338, 1983
- Anesthesia**
control of swallowing by use of topical anesthesia during digital subtraction angiography, Sider L; Mintzer RA; Deschler TW; Kim KS; Weinberg PE, 148: 563, 1983
- Aneurysm, abdominal**
aortic aneurysm: a multifocal disease (ab), Crawford ES; Cohen ES, 148: 329, 1983
- Aneurysm, aortic**
aortic aneurysm: a multifocal disease (ab), Crawford ES; Cohen ES, 148: 329, 1983
dissecting aortic aneurysms: accuracy of computed tomographic diagnosis, Thorsen MK; San Dretto MA; Lawson TL; Foley WD; Smith DF; Berland LL, 148: 773, 1983
oesophageal bleeding from aorto-oesophageal fistula due to aortic aneurysm (ab), Myers HS; Silver W, 148: 874, 1983
preoperative transcatheter occlusion of a saccular aneurysm of the ascending aorta, Melville GE; Maxwell DD, (AJR), 140: 985, 1983
two-dimensional echocardiographic evaluation of aneurysms of the descending thoracic aorta (ab), Iliceto S; Antonelli G; Biasco G; et al, 148: 347, 1983
- Aneurysm, cardiac**
congenital aneurysms of the left atrium: recognition by cross-sectional echocardiography (ab), Foale RA; Gibson TC; Guyer DE; et al, 148: 346, 1983
myocardial rupture after myocardial infarction (ab), Nicod P; Corbett J; Leachman R; et al, 148: 349, 1983
- Aneurysm, carotid**
use of cavernous sinography to detect aneurysms or anomalies of the infracarotid carotid artery (ab), Teasdale G; Macpherson P, 148: 598, 1983
- Aneurysm, cerebral**
delineation of unruptured cerebral aneurysms by computerized angiography (ab), Asari S; Satoh T; Sakurai M; et al, 148: 339, 1983
direct visualization of intracranial aneurysms by multiplane dynamic CT, Vonofakos D; Hacker H; Grau H, (AJNR), 4: 425, 1983
flow in experimental berry aneurysms: method and model, Kerber CW; Heilman CB, (AJNR), 4: 374, 1983
intracranial intravenous digital subtraction angiography (ab), Enzmann DR; Brody WR; Riederer S; et al, 148: 339, 1983
NMR imaging in the recognition of giant intracranial aneurysms, Worthington BS; Kean DM; Hawkes RC; et al, (AJNR), 4: 835, 1983
vasospasm secondary to ruptured aneurysm: assessment by digital intravenous angiography, Pinto RS; Kricheff II; De Filipp G; et al, (AJNR), 4: 283, 1983
- Aneurysm, mycotic**
balloon embolization of a mycotic pulmonary artery aneurysm (ab), Renie WA; Rodeheffer RJ; Mitchell S; et al, 148: 592, 1983
- Aneurysm, pulmonary**
balloon embolization of a mycotic pulmonary artery aneurysm (ab), Renie WA; Rodeheffer RJ; Mitchell S; et al, 148: 592, 1983
- Aneurysm, renal**
gamut: renal microaneurysms (including necrotizing angiitis), Ang JGP, (SR), 18: 169, 1983
giant renal artery aneurysm in a child (ab), Nomura Y; Mizoguchi H; Sakamoto S; et al, 148: 882, 1983
- Angina**
ischemic and postischemic ventricular wall motion abnormalities in Prinzmetal's angina provoked by hyperventilation (ab), Egebärd H; Vilhelmsen R; Mortensen SA, 148: 346, 1983
percutaneous transluminal coronary angioplasty in patients with variant angina (ab), David PR; Waters DD; Scholl J-M; et al, 148: 332, 1983
- purulent mediastinal abscess secondary to Ludwig's angina (ab), Snow N; Lucas AE; Grau M; et al, 148: 886, 1983**
- Angina pectoris**
exercise 2-dimensional echocardiography: quantitation of left ventricular performance in patients with severe angina pectoris (ab), Crawford MH; Amon KW; Vance WS, 148: 891, 1983
iatrogenic aortocoronary vein fistula (ab), Przybojewski JZ, 148: 590, 1983
- Angiocardiography**
See also Angiography; Coronary angiography
- Angiocardiography, radionuclide**
radionuclide angiocardiography: an improved deconvolution technique for improvement after suboptimal bolus injection, experimental results in dogs with and without atrial septal defects, Kuruc A; Treves S; Parker JA; Cheng C; Sawan A, 148: 233, 1983

Angiography

Angiography

angiographic differentiation of types of ventricular septal defects, Santamaría H; Soto B; Ceballos R; et al, (AJR), **141**: 273, 1983

Angiography, contrast media

neuroangiography with iohexol, Bryan RN; Miller SL; Roehm JOF Jr; et al, (AJNR), **4**: 344, 1983

Angiography, preoperative

preoperative angiography in patients with bone metastases (ab), Jonsson K; Johnell O, **148**: 591, 1983

Angiography, radionuclide

gammat: neck imaging—hypervascularity in the neck on radionuclide angiography, Lin DS, (SNM), **13**: 301, 1983

gammat: neck imaging—hypervascularity in the neck on radionuclide angiography, Lin DS, (SNM), **13**: 303, 1983

improved left ventricular diastolic filling in patients with coronary artery disease after percutaneous transluminal coronary angioplasty (ab), Bonow RO; Kent KM; Rosing DR; et al, **148**: 879, 1983

radionuclide evaluation of peripheral vascular injuries, Rudavsky AZ; Moss CM, (SNM), **13**: 142, 1983

Angiography, technology

catheter angiography through prosthetic vascular grafts using a Teflon sheath, Schatzki SC, **148**: 565, 1983

efficacy of prone positioning for intravenous digital angiography of the abdomen, Seigel RS; Williams AG, **148**: 295, 1983

stereoscopic magnification in spinal angiography, Vogelsang H; Dietz K, (AJNR), **4**: 588, 1983

Angioma, central nervous system

cerberal dysplastic vascular malformation: a developmental arrest, Wortsman G; Sima AAF; Morley TP, **148**: 443, 1983

giant spinal cord angioma diagnosed by digital subtraction intravenous angiography and computerized tomography (ab), Taylor CR; Virapongse C; Davey LM, **148**: 597, 1983

intracranial cavernous hemangiomas: neuroradiologic review of 36 operated cases, Savoardo M; Strada L; Passerini A, (AJNR), **4**: 945, 1983

NMR imaging in the diagnosis and management of intracranial angiomas, Young IR; Bydder GM; Hall AS; et al, (AJNR), **4**: 837, 1983

Angioma, digestive system

comparative study of angiography and dynamic computed tomography in liver angioma (ab), Baert AL; Marchal GJ; Wilms GE; et al, **148**: 599, 1983

computed tomography and sonography of cavernous hemangioma of the liver, Itai Y; Ohtomo K; Araki T; et al, (AJR), **141**: 315, 1983

Angioma, genitourinary system

partial nephrectomy for renal haemangioma (ab), Mitchell A; Fellows GJ; Smith JC, **148**: 330, 1983

Angioma, skeletal system

cavernous hemangiomas of the orbit: value of CT, angiography, and phlebography, Savoardo M; Strada L; Passerini A; et al, (AJNR), **4**: 741, 1983

Angioplasty

See Arteries, transluminal angioplasty

Ankle, arthrography

acute injuries of the lateral ligaments of the ankle: comparison of stress radiography and arthrography, Sauer D; Nelson RC; Levine MH; Wu CW, **148**: 653, 1983

Ankle, injuries

acute injuries of the lateral ligaments of the ankle: comparison of stress radiography and arthrography, Sauer D; Nelson RC; Levine MH; Wu CW, **148**: 653, 1983

Ankylosing spondylitis

See Spondylitis

Anorexia nervosa

computed tomography of anorexia nervosa, Kohlmeyer K; Lehmkuhl G; Poutska F, (AJNR), **4**: 437, 1983

Anticoagulants

intrathecal haematoma in a patient on long-term haemodialysis (ab), Lai KN; Disney APS; Mathew TH, **148**: 600, 1983

Antigen and antibodies

See Immunity

Anus, imperforate

sonography of imperforate anus, Oppenheimer DA; Carroll BA; Shochat SJ, **148**: 127, 1983

Aorta

See also Aortic valve; Angiography

Aorta, abnormalities

cervical aortic arch: CT correlation with conventional radiologic studies, Kennard DR; Spigos DG; Tan WS, (AJR), **141**: 295, 1983

coarctation of the aorta with right aortic arch of the mirror-image type, Edelman RR; Weintraub R; Paulin S, (AJR), **140**: 1135, 1983

echocardiography reveals a high incidence of bicuspid aortic valve in Turner syndrome (ab), Miller MJ; Geffner ME; Lippe BM; et al, **148**: 881, 1983

transluminal angioplasty of the abdominal aorta: report of 6 cases in women, Heaney D; Bookstein J; Daniels E; Warmath M; Horn J; Rowley W, **148**: 81, 1983

two-dimensional echocardiographic features of interruption of the aortic arch (ab), Riggs TW; Berry TE; Aziz KU; et al, **148**: 594, 1983

Aorta, aneurysm

See Aneurysm, aortic

Aorta, angiography

See Angiography

Aorta, coarctation

See Stenosis

Aorta, computed tomography

cervical aortic arch: CT correlation with conventional radiologic studies, Kennard DR; Spigos DG; Tan WS, (AJR), **141**: 295, 1983

CT in aortic trauma, Heiberg E; Wolverton MK; Sundaram M; et al, (AJR), **140**: 1119, 1983

dissecting aortic aneurysms: accuracy of computed tomographic diagnosis, Thorsen MK; San Dretto MA; Lawson TL; Foley WD; Smith DF; Berland LL, **148**: 773, 1983

two-dimensional echocardiographic evaluation of aneurysms of the descending thoracic aorta (ab), Illiceto S; Antonelli G; Biasco G; et al, **148**: 347, 1983

Aorta, dissection

digital subtraction angiography of aortic dissection, Gutheuer DF; Miller DC, (AJR), **141**: 157, 1983

dissecting aortic aneurysms: accuracy of computed tomographic diagnosis, Thorsen MK; San Dretto MA; Lawson TL; Foley WD; Smith DF; Berland LL, **148**: 773, 1983

two-dimensional echocardiographic evaluation of aneurysms of the descending thoracic aorta (ab), Illiceto S; Antonelli G; Biasco G; et al, **148**: 347, 1983

Aorta, injuries

CT in aortic trauma, Heiberg E; Wolverton MK; Sundaram M; et al, (AJR), **140**: 1119, 1983

Aorta, nuclear magnetic resonance (NMR) studies

nuclear magnetic resonance imaging of atherosclerotic disease, Herfkens RJ; Higgins CB; Hricak H; Lipton MJ; Crooks LE; Sheldon PE; Kaufman L, **148**: 161, 1983

Aorta, prosthesis

iatrogenic aorto-coronary vein fistula (ab), Przybojewski JZ, **148**: 590, 1983

Aorta, regurgitation

detection of mild aortic regurgitation by range-gated pulsed Doppler echocardiography (ab), Esper RJ, **148**: 347, 1983

Aorta, stenosis

arteriographic measurement of the abdominal aorta, iliac, and femoral arteries in women with atherosclerotic occlusive disease, Cronenwett JL; Garrett HE, **148**: 389, 1983

coarctation of the aorta with right aortic arch of the mirror-image type, Edelman RR; Weintraub R; Paulin S, (AJR), **140**: 1135, 1983

evaluation of aorto-iliac occlusive disease by intravenous digital subtraction angiography, Rosen RJ; Roven SJ; Taylor RF; Imparato AM; Riles TS, **148**: 7, 1983

left ventricular myxoma: M-mode and two-dimensional echocardiographic features (ab), Mazer MS; Harrigal PR, **148**: 347, 1983

percutaneous transluminal angioplasty of an abdominal aortic coarctation, Nanni GS; Hawkins IF Jr; Alexander JA, (AJR), **140**: 1239, 1983

transluminal angioplasty of the abdominal aorta: report of 6 cases in women, Heaney D; Bookstein J; Daniels E; Warmath M; Horn J; Rowley W, **148**: 81, 1983

two-dimensional echocardiographic features of interruption of the aortic arch (ab), Riggs TW; Berry TE; Aziz KU; et al, **148**: 594, 1983

two-dimensional echocardiographic recognition of papillary muscle fibrosis in pediatric patients (ab), Riggs TW; Berry TE; Paul MH, **148**: 880, 1983

Aorta, surgery

aortic aneurysm: a multifocal disease (ab), Crawford ES; Cohen ES, **148**: 329, 1983

deep venous thrombophlebitis following aortoiliac reconstructive surgery (ab), Reilly MK; McCabe CJ; Abbott WM; et al, **148**: 349, 1983

Aorta, therapeutic blockade

detachable stainless-steel spider: a new device for vessel occlusion, Lund G; Cragg AH; Rysavy JA; Castaneda F; Castaneda-Zuniga WR; Amplatz K, **148**: 567, 1983

Aorta, transluminal angioplasty

percutaneous transluminal angioplasty of an abdominal aortic coarctation, Nanni GS; Hawkins IF Jr; Alexander JA, (AJR), **140**: 1239, 1983

Aorta, ultrasound studies

echocardiography reveals a high incidence of bicuspid aortic valve in Turner syndrome (ab), Miller MJ; Geffner ME; Lippe BM; et al, **148**: 881, 1983

two-dimensional echocardiographic features of interruption of the aortic arch (ab), Riggs TW; Berry TE; Aziz KU; et al, **148**: 594, 1983

Aortic valve

failure of the aortic valve to open during inspiration in cardiac tamponade (ab), Schindler DM; Reddy K; Schindler OL; et al, **148**: 603, 1983

Angiography

aortic arch digital arteriography: an alternative technique to digital venous angiography and routine arteriography in the evaluation of cerebrovascular insufficiency, Zimmerman RD; Goldman MJ; Auster M; et al, (AJNR), **4**: 266, 1983

pain and hemodynamic effects in aortofemoral angiography (ab), Nyman U; Nilsson P; Westergren A, **148**: 592, 1983

translumbar carotid arteriography, Maxwell SL Jr; Kwon OJ; Millan VG, **148**: 851, 1983

Angiography, contrast media

pain and hemodynamic effects in aortofemoral angiography (ab), Nyman U; Nilsson P; Westergren A, **148**: 592, 1983

Arteries, basilar

CT diagnosis of basilar artery occlusion, Vonoafakos D; Marcu H; Hacker H, (AJNR), **4**: 253, 1983

Arteries, brachiocephalic

See Arteries, innominate

Arteries, carotid

See Carotid arteries

Arteries, cerebellar

air CT cisternography of anterior inferior cerebellar artery loop simulating an intracanalicular acoustic neuroma, Khangure MS; Mojahedi S, (AJNR), **4**: 994, 1983

Arteries, extremities

arteriographic measurement of the abdominal aorta, iliac, and femoral arteries in women with atherosclerotic occlusive disease, Cronenwett JL; Garrett HE, **148**: 389, 1983

iliac artery rupture: a complication of transluminal angioplasty, Simonetti G; Rossi P; Passariello R; et al, (AJR), **140**: 989, 1983

percutaneous transluminal angioplasty (ab), Galichia JP; Duick GF; Bajaj AK; et al, **148**: 334, 1983

percutaneous transluminal angioplasty (ab), Galichia JP; Duick GF; Bajaj AK; et al, **148**: 592, 1983

Arteries, flow dynamics

See Blood, flow dynamics

Arteries, innominate

brachiocephalic vessel: selective and superselective catheterization, Berenstein A, **148**: 437, 1983

- Arteries, mammary**
percutaneous alcohol injection for control of internal mammary artery bleeding.
McLean GK; Mackie JA; Hartz WH; et al, (AJR), 141: 181, 1983
- Arteries, nuclear magnetic resonance (NMR) studies**
nuclear magnetic resonance imaging of atherosclerotic disease, Herfkens RJ; Higgins CB; Hricak H; Lipton MJ; Crooks LE; Sheldon PE; Kaufman L, 148: 161, 1983
- Arteries, pudendal**
arteriography of the penis in secondary impotence (ab), Bruhlmann W; Pouliadis G; Zollikofler C; et al, 148: 876, 1983
- Arteries, pulmonary**
See Pulmonary arteries
- Arteries, renal**
See Renal arteries
- Arteries, retinal**
emergent treatment of central retinal artery occlusion caused by embolism (L), Krecke CF; Crawford MJ, 148: 866, 1983
emergent treatment of central retinal artery occlusion caused by embolism: comment (L), Younge BR, 148: 866, 1983
ocular neovascularization with retinal vascular occlusion. II. occurrence in central and branch retinal artery occlusion (ab), Hayreh SS; Podhajsky P, 148: 340, 1983
- Arteries, spinal**
embolization of spinal cord vascular malformations via the anterior spinal artery, Riche MC; Melki JP; Merland JJ, (AJNR), 4: 378, 1983
giant extramedullary arteriovenous fistula supplied by the anterior spinal artery: treatment by detachable balloons, Riche MC; Scialfa G; Gueguen B; et al, (AJNR), 4: 391, 1983
- Arteries, stenosis**
arteriography of the penis in secondary impotence (ab), Bruhlmann W; Pouliadis G; Zollikofler C; et al, 148: 876, 1983
percutaneous transluminal angioplasty (ab), Galichia JP; Duick GF; Bajaj AK; et al, 148: 592, 1983
- Arteries, therapeutic blockage**
balloon embolization of a mycotic pulmonary artery aneurysm (ab), Renie WA; Rodeheffer RJ; Mitchell S; et al, 148: 592, 1983
brachiocephalic vessel: selective and superselective catheterization, Berenstein A, 148: 437, 1983
embolization of spinal cord vascular malformations via the anterior spinal artery, Riche MC; Melki JP; Merland JJ, (AJNR), 4: 378, 1983
endovascular electrocoagulation with a bipolar electrode and alternating current: a follow-up study in dogs, Brunelle F; Kunstlinger F; Quillard J, 148: 413, 1983
experimental studies on new liquid embolization mixtures (Histoacryl-Lipiodol, Histoacryl-Panthopaque) (ab), Stoesslein F; Ditscherle G; Romanik PA, 148: 879, 1983
hepatic artery embolization in 120 patients with unresectable hepatoma, Yamada R; Sato M; Kawabata M; Nakatsuka H; Nakamura K; Takashima S, 148: 397, 1983
multiple metallic pulmonary densities after therapeutic embolization (ab), Leitman BS; McCauley DL; Firooznia H, 148: 327, 1983
therapeutic embolization of a hyperfunctioning pheochromocytoma, Horton JA; Hrabovsky E; Klingberg WG; et al, (AJR), 140: 987, 1983
- Arteries, transluminal angioplasty**
angiographic control of renal artery stenosis 6 months following percutaneous transluminal angioplasty (ab), Ingrisch H; Hegele T; Frey KW, 148: 592, 1983
effect of aspirin on angioplasty-induced vessel wall hyperemia, Cragg A; Einzig S; Rysavy J; et al, (AJR), 140: 1233, 1983
iliac artery rupture: a complication of transluminal angioplasty, Simonetti G; Rossi P; Passariello R; et al, (AJR), 140: 989, 1983
patency after femoral angioplasty: correlation of angiographic appearance with clinical findings, Probst P; Cerny P; Owens A; et al, (AJR), 140: 1227, 1983
- percutaneous transluminal angioplasty (ab), Galichia JP; Duick GF; Bajaj AK; et al, 148: 334, 1983
- percutaneous transluminal angioplasty (ab), Galichia JP; Duick GF; Bajaj AK; et al, 148: 592, 1983
- percutaneous transluminal dilatation for restoration of angiogenesis in chronic hemodialysis patients (ab), Probst P; Mahler F; Krnta A; et al, 148: 879, 1983
- vasa vasorum and angioplasty, Cragg AH; Einzig S; Rysavy JA; Castaneda-Zuniga WR; Borgwardt B; Amplatz K, 148: 75, 1983
- Arteries, vertebral**
See Vertebral arteries
- Arteriography**
See also Angiography
arteriographic measurement of the abdominal aorta, iliac, and femoral arteries in women with atherosclerotic occlusive disease, Cronenwett JL; Garrett HE, 148: 389, 1983
computed tomographic arteriography of the liver, Freemy PC; Marks WM, 148: 193, 1983
- Arteriography, contrast media**
iodamidol and meglumine diatrizoate: comparison of effects on patient discomfort during aortofemoral arteriography, Widrich WC; Beckman CF; Robbins AH; Scholz FJ; Srinivasan MK; Hayes EI; Kelum CD; Newman T, 148: 61, 1983
- Arteriosclerosis**
arteriographic measurement of the abdominal aorta, iliac, and femoral arteries in women with atherosclerotic occlusive disease, Cronenwett JL; Garrett HE, 148: 389, 1983
efficacy of CT in the diagnosis of vascular dementia, Glatt SL; Lantos G; Danziger A; et al, (AJNR), 4: 703, 1983
intracranial intravenous digital subtraction angiography (ab), Enzmann DR; Brody WR; Riederer S; et al, 148: 339, 1983
- nuclear magnetic resonance imaging of atherosclerotic disease, Herfkens RJ; Higgins CB; Hricak H; Lipton MJ; Crooks LE; Sheldon PE; Kaufman L, 148: 161, 1983
- percutaneous transluminal angioplasty in arteriosclerotic internal carotid artery stenosis, Bockenheimer SAM; Matthias K, (AJNR), 4: 791, 1983
- renal artery angioplasty: techniques and early results (ab), Sos TA; Saddekni S; Sniderman KW; et al, 148: 333, 1983
- ultrasonic imaging of the coronary arteries in open-chest humans: evaluation of coronary atherosclerotic lesions during cardiac surgery (ab), Sahn DJ; Barratt-Boyces BG; Graham K; et al, 148: 345, 1983
- Arteriovenous malformations**
multiple metallic pulmonary densities after therapeutic embolization (ab), Leitman BS; McCauley DL; Firooznia H, 148: 327, 1983
- Arteriovenous malformations, cerebral**
dominant-hemisphere arteriovenous malformations: therapeutic embolization with isobutyl-2-cyanoacrylate, Vinuela FV; Debrun GM; Fox AJ; et al, (AJNR), 4: 959, 1983
- NMR imaging in the diagnosis and management of intracranial angiomas, Young IR; Bydder GM; Hall AS; et al, (AJNR), 4: 837, 1983
- treatment of cerebral arteriovenous malformations: combined neurosurgical and neuroradiologic approach, Cromwell LD; Harris AB, (AJNR), 4: 366, 1983
- Arteriovenous malformations, cranial**
autosomal dominant polycystic kidney disease in the neonatal period: association with a cerebral arteriovenous malformation (ab), Proesmans W; Van Damme B; Casae P; et al, 148: 882, 1983
- intracranial intravenous digital subtraction angiography (ab), Enzmann DR; Brody WR; Riederer S; et al, 148: 339, 1983
- thrombosed arteriovenous malformations of the brain (ab), Wharen RE Jr; Scheithauer B; Laws ER Jr, 148: 339, 1983
- Arteriovenous malformations, spinal**
embolization of spinal cord vascular malformations via the anterior spinal artery, Riche MC; Melki JP; Merland JJ, (AJNR), 4: 378, 1983
- choroidal ischemia (ab), Gaudric A; Coscas G; Bird AC, 148: 340, 1983
- intracranial intravenous digital subtraction angiography (ab), Enzmann DR; Brody WR; Riederer S; et al, 148: 339, 1983
- neoplastic angiomyelitis: a case with spontaneous regression and radiographic appearance of cerebral arteritis (ab), LeWitt PA; Forno LS; Brant-Zawadzki M, 148: 883, 1983
- Arthritis**
delayed complications of treated reduced recurrent anterior dislocations of the humeral head in young adults (ab), Sutro W, 148: 591, 1983
painful sequelae of coxa plana (ab), Clarke NMP; Harrison MHM, 148: 878, 1983
- Arthritides, rheumatoid**
atlantoaxial subluxation (L), Jackson H, 148: 864, 1983
- atlantoaxial subluxation: reply (L), Weissman BN, 148: 865, 1983
- femoral neck erosions: sign of hip joint synovial disease, Goldberg RP; Weissman BN; Naimark A; et al, (AJR), 141: 107, 1983
- Arthritis, septic**
pencil pointing: a vascular pattern of deossification, Brower AC; Allman RM, (RG), 3: 315, 1983
- Arthrography**
See also under names of specific joints, such as Hip
- Arthrography, technology**
arthrography of the cervical facet joints, Dory MA, 148: 379, 1983
- Asbestosis**
comparative study of mesothelioma and asbestosis using computed tomography and conventional chest radiography (L), Solomon A, 148: 316, 1983
- comparative study of mesothelioma and asbestosis using computed tomography and conventional chest radiography: reply (L), Rabinowitz JG, 148: 316, 1983
- comparative study of mesothelioma and asbestosis using computed tomography and conventional chest radiography: further comment (L), Solomon A, 148: 316, 1983
- Asciates**
intraperitoneal carcinomatosis: incidence of its radiographic findings and description of a new sign (ab), Bundrick T; Cho S-R; Ammann A; et al, 148: 875, 1983
- Asphyxia**
postasphyxial encephalopathy in full-term infants: ultrasound diagnosis, Babcock DS; Ball W Jr, 148: 417, 1983
- Aspirin**
effect of aspirin on angioplasty-induced vessel wall hyperemia, Cragg A; Einzig S; Rysavy J; et al, (AJR), 140: 1233, 1983
- Astrocytoma**
glucose utilization of cerebral gliomas measured by [F-18]fluorodeoxyglucose and positron emission tomography (ab), Di Chiro G; DeLaPaz RL; Brooks RA; et al, 148: 595, 1983
- management of glioblastoma multiforme by irradiation and chemotherapy (ab), Shehade WM; Meyer RL; Jazy FK; et al, 148: 894, 1983
- Ataxia**
investigation and management of suprasellar arachnoid cysts (ab), Hoffman HJ; Hendrick EB; Humphreys RP; et al, 148: 598, 1983
- Atherosclerosis**
See Arteriosclerosis
- Athletics**
bilateral tendonitis of the flexor hallucis longus in a ballet dancer (ab), Cowell HR; Elener V; Lawhon SM, 148: 591, 1983
- early scintigraphic diagnosis of bone stress and fractures in athletic adolescents (ab), Rosen PR; Mitcheli LJ; Treves S, 148: 893, 1983
- Atlas and axis**
assessment of craniocervical junction and atlantoaxial relation using metrizamide-enhanced CT in flexion and extension, Osborne D; Triolo P; Dubois P; et al, (AJR), 148: 843, 1983
- atlantoaxial subluxation (L), Jackson H, 148: 864, 1983
- atlantoaxial subluxation: reply (L), Weissman BN, 148: 865, 1983
- craniovertebral junction malformations (ab), Di Lorenzo N; Fortuna A; Guidetti B, 148: 886, 1983

Atlas and axis

- malformations of the atlas vertebra simulating the Jefferson fracture, Gehweiler JA Jr; Daffner RH; Roberts L Jr, (AJR), 140: 1083, 1983
pseudospread of the atlas: false sign of Jefferson fracture in young children, Suss RA; Zimmerman RD; Leeds NE, (AJR), 140: 1079, 1983
- Atlas and axis, abnormalities**
malformations of the atlas vertebra simulating the Jefferson fracture, Gehweiler JA Jr; Daffner RH; Roberts L Jr, (AJR), 140: 1083, 1983
- Atrial septal defect**
two-dimensional echocardiographic identification of pulmonary artery branch stenosis (ab), Tinker DD; Nanda NC; Harris JP; et al, 148: 345, 1983

B

Bacteria

- balloon embolization of a mycotic pulmonary artery aneurysm (ab), Renie WA; Rodeheffer RJ; Mitchell S; et al, 148: 592, 1983
Blastomycosis dermatitidis and the adult respiratory distress syndrome (ab), Evans ME; Haynes JB; Atkinson JB; et al, 148: 589, 1983
clincoradiographic correlation with the extent of Legionnaire disease, Krobolt FJ; Yu VL; Reddy SC; et al, (AJR), 141: 263, 1983
new, treatable source of recurrent meningitis: basioccipital meningocele (ab), Hemphill M; Freeman JM; Martinez CR; et al, 148: 880, 1983
overwhelming post-splenectomy infection in Hodgkin's disease: pathogenesis and prevention (ab), Shinn DS; Linggood RM; Weitzman SA, 148: 878, 1983
pneumococcal epiglottitis in systemic lupus erythematosus on high-dose corticosteroids (ab), Shalit M; Gross DJ; Levo Y, 148: 599, 1983
pulmonary and disseminated Mycobacterium simiae infection in humans (ab), Rose HD; Dorff CJ; Lauwasser M; et al, 148: 589, 1983
susceptibility testing of biliary bacteria obtained before bile duct manipulation, Wayne PH III; Whelan JG Jr, (AJR), 140: 1185, 1983
toxoplasma encephalitis in Haitian adults with acquired immunodeficiency syndrome: a clinical-pathologic-CT correlation, Post MJD; Chan JC; Hensley GT; et al, (AJR), 140: 861, 1983
Yersinia enterocolitica colitis in infants: radiographic changes, Atkinson GO Jr; Gay BB Jr; Ball TI Jr; Caplan DB, 148: 113, 1983

Balloons

See Catheters and catheterization

Barium

- uretersigmoidostomy: the development of tumors, diagnosis, and pitfalls, Prinenthal RA; Lowman R; Zeman RK; et al, (AJR), 141: 77, 1983
- Barium enema examination**
barium enemas of carcinoma of the colon: sensitivity of double- and single-contrast studies, Johnson CD; Carlson HC; Taylor WF; et al, (AJR), 140: 1143, 1983
barium evaluation of anal canal in patients with inflammatory bowel disease, DuBrow RA; Frank PH, (AJR), 140: 1151, 1983
intraperitoneal carcinomatosis: incidence of its radiographic findings and description of a new sign (ab), Bunderlik T; Cho S-R; Ammann A; et al, 148: 875, 1983
small-bowel obstruction masking synchronous large-bowel obstruction: a need for emergency barium enema, Fataar S; Schulman A, (AJR), 140: 1159, 1983
verification of superficial biopsy sites by barium enema, Carolina DF; Creteur V; Kressel HY; et al, (AJR), 140: 945, 1983
- Barium enema examination, complications**
portal venous air associated with barium enema, Stein MG; Crues JV III; Hamlin JA, (AJR), 140: 1171, 1983
uretersigmoidostomy: the development of tumors, diagnosis, and pitfalls, Prinenthal RA; Lowman R; Zeman RK; et al, (AJR), 141: 77, 1983

Barium enema examination, technology

- accuracy of the plain abdominal radiograph in assessing colonic faecal contamination (ab), de Lacey G; Wilkins R; Cramer B; et al, 148: 876, 1983
"air enema" in acute colitis (ab), Bartram CI; Preston DM; Lennard-Jones JE, 148: 875, 1983
use of sedation in the barium enema examination of uncooperative patients, Young JWR; Sanchez F, (AJR), 141: 340, 1983

Basal ganglia, calcification

- lipomembranous polycystic osteodysplasia (brain, bone, and fat disease): a genetic cause of presenile dementia (ab), Bird TD; Koerker RM; Leard B; et al, 148: 595, 1983

Battered children

See Children, injuries

Behcet's disease

- ileal ring ulcers in Behcet syndrome, McLean AM; Simms DM; Homer MJ, (AJR), 140: 947, 1983

Bile

- sonography and computed tomography of hemorrhagic cholecystitis, Jenkins M; Golding RH; Cooperberg PL, (AJR), 140: 1197, 1983

- susceptibility testing of biliary bacteria obtained before bile duct manipulation, Wayne PH III; Whelan JG Jr, (AJR), 140: 1185, 1983

Bile duct radiography

- biliary pressure: manometric and perfusion studies at percutaneous transhepatic cholangiography and percutaneous biliary drainage, vanSonnenberg E; Ferrucci JT Jr; Neff CC; Mueller PR; Simeone JF; Wittenberg J, 148: 41, 1983
radiologic investigation of suspected extrahepatic biliary obstruction (ab), Raval B; Lamki N; Bandali K, 148: 590, 1983

Bile ducts, abnormalities

- endotoxic shock and its effects on hepatobiliary scanning in dogs, Hughes KS; Marrangoni AG; Thompson DR; Turbiner E, 148: 823, 1983

- multiple acyl-CoA dehydrogenation deficiency (glutaric aciduria type II), congenital polycystic kidneys, and symmetric warty dysplasia of the cerebral cortex in two newborn brothers. II. morphology and pathogenesis (ab), Bohm N; Uy J; Kiessling M; et al, 148: 594, 1983

Bile ducts, biopsy

- simplified brush biopsy of the bile ducts, Cropper LD Jr; Gold RE, 148: 307, 1983

Bile ducts, calculi

- cholelithiasis in an intrahepatic gallbladder (ab), Schmehlmann JD; Dent DM; Mervis B; et al, 148: 600, 1983
computed tomography of choledocholithiasis, Jeffrey RB; Federle MP; Laing FC; et al, (AJR), 140: 1179, 1983

Bile ducts, computed tomography

- advances in the radiology of jaundice: a symposium and review, Ferrucci JT Jr; Adson MA; Mueller PR; et al, (AJR), 141: 1, 1983

- computed tomographic features of biliary obstruction, Baron RL; Stanley RJ; Lee JKT; et al, (AJR), 140: 1173, 1983

- computed tomography of choledocholithiasis, Jeffrey RB; Federle MP; Laing FC; et al, (AJR), 140: 1179, 1983

- hemobilia: computed tomographic diagnosis, Krudy AG; Dopman JL; Bissonette MB; Girton M, 148: 785, 1983

- radiologic investigation of suspected extrahepatic biliary obstruction (ab), Raval B; Lamki N; Bandali K, 148: 590, 1983

Bile ducts, dilation

- advances in the radiology of jaundice: a symposium and review, Ferrucci JT Jr; Adson MA; Mueller PR; et al, (AJR), 141: 1, 1983

- biliary pressure: manometric and perfusion studies at percutaneous transhepatic cholangiography and percutaneous biliary drainage, vanSonnenberg E; Ferrucci JT Jr; Neff CC; Mueller PR; Simeone JF; Wittenberg J, 148: 41, 1983

Bile ducts, hemorrhage

- hemobilia: computed tomographic diagnosis, Krudy AG; Dopman JL; Bissonette MB; Girton M, 148: 785, 1983

Bile ducts, neoplasms

- Klatskin tumors of the bile ducts: sonographic appearance, Meyer DG; Weinstein BJ, 148: 803, 1983

- neodymium yttrium aluminum garnet laser treatment of hemobilia via a percutaneous catheter track, Carpenter CM; Bowers JH; Luers PR; Dixon JA; Miller FJ, 148: 853, 1983

Bile ducts, obstruction

See Bile ducts, stenosis

Bile ducts, percutaneous drainage

- biliary pressure: manometric and perfusion studies at percutaneous transhepatic cholangiography and percutaneous biliary drainage, vanSonnenberg E; Ferrucci JT Jr; Neff CC; Mueller PR; Simeone JF; Wittenberg J, 148: 41, 1983

- fatal hemotorax after inadvertent transpleural biliary drainage, Dawson SL; Neff CC; Mueller PR; et al, (AJR), 141: 33, 1983

- large-bore, long biliary endoprostheses (biliary stents) for improved drainage, Coons HG; Carey PH, 148: 89, 1983

- palliative percutaneous transhepatic drainage for inoperable obstructive jaundice (ab), Baxter-Smith DC; Temple JC; Howarth F, 148: 333, 1983

- simplified brush biopsy of the bile ducts, Cropper LD Jr; Gold RE, 148: 307, 1983

Bile ducts, prosthesis

- large-bore, long biliary endoprostheses (biliary stents) for improved drainage, Coons HG; Carey PH, 148: 89, 1983

Bile ducts, radionuclide studies

- endotoxic shock and its effects on hepatobilary scanning in dogs, Hughes KS; Marrangoni AG; Thompson DR; Turbiner E, 148: 823, 1983

- role of Tc-99m IDA scintigraphy in the evaluation of hepatobilary trauma, Weissmann HS; Byun KJC; Freeman LM, (SNM), 13: 199, 1983

Bile ducts, stenosis

- advances in the radiology of jaundice: a symposium and review, Ferrucci JT Jr; Adson MA; Mueller PR; et al, (AJR), 141: 1, 1983

- biliary pressure: manometric and perfusion studies at percutaneous transhepatic cholangiography and percutaneous biliary drainage, vanSonnenberg E; Ferrucci JT Jr; Neff CC; Mueller PR; Simeone JF; Wittenberg J, 148: 41, 1983

- computed tomographic features of biliary obstruction, Baron RL; Stanley RJ; Lee JKT; et al, (AJR), 140: 1173, 1983

- endotoxic shock and its effects on hepatobilary scanning in dogs, Hughes KS; Marrangoni AG; Thompson DR; Turbiner E, 148: 823, 1983

- large-bore, long biliary endoprostheses (biliary stents) for improved drainage, Coons HG; Carey PH, 148: 89, 1983

- percutaneous transhepatic insertion of a jejunal feeding tube, McDonald DG; Khalil MF; Vernon JK, 148: 309, 1983

- radiologic investigation of suspected extrahepatic biliary obstruction (ab), Raval B; Lamki N; Bandali K, 148: 590, 1983

- simplified brush biopsy of the bile ducts, Cropper LD Jr; Gold RE, 148: 307, 1983

Bile ducts, stone extraction

- susceptibility testing of biliary bacteria obtained before bile duct manipulation, Wayne PH III; Whelan JG Jr, (AJR), 140: 1185, 1983

Bile ducts, ultrasound studies

- advances in the radiology of jaundice: a symposium and review, Ferrucci JT Jr; Adson MA; Mueller PR; et al, (AJR), 141: 1, 1983

- extrahepatic bile ducts in healthy subjects, in patients with cholelithiasis, and in postcholecystectomy patients: a prospective ultrasonic study (ab), Niederau C; Muller J; Sonnenberg A; et al, 148: 891, 1983

- Klatskin tumors of the bile ducts: sonographic appearance, Meyer DG; Weinstein BJ, 148: 803, 1983

Biliary ducts

See Bile ducts

Biliary tract

See Bile ducts

Biopsies

- See also under names of specific organs, such as Liver biopsy

- percutaneous biopsy of difficult mediastinal, hilar, and pulmonary lesions by computed-tomographic guidance and a modified coaxial technique, vanSonnenberg E; Lin AS; Deutsch AL; Matrey RF, 148: 300, 1983

- tubercular stenosis of the duodenum (ab), Rohner HG; Muller-Wallraf R; Wienbeck M, **148:** 590, 1983
- verification of superficial biopsy sites by barium enema, Caroline DF; Creteur V; Kressel HY; et al, (AJR), **140:** 945, 1983
- Biopsies, technology**
- biopsy needle characteristics assessed in the laboratory, Andriole JG; Haaga JR; Adams RB; Nunez C, **148:** 659, 1983
- biopsy of the right adrenal gland by the transhepatic approach, Price RB; Bernardino ME; Berkman WA; Sones PJ Jr; Torres WE, **148:** 566, 1983
- fine-needle biopsy directed by real-time sonography: technique and accuracy, Grant EG; Richardson JD; Smirniotopoulos JG; et al, (AJR), **141:** 29, 1983
- liver biopsy through the transjugular approach: modification of instruments, Colapinto RF; Blendis LM, **148:** 306, 1983
- needle biopsy and transbronchial biopsy (bk rev), Sinner WN, ed, Reviewed by Wandke JC, **148:** 402, 1983
- parathyroid tumors detected by fine-needle aspiration biopsy under ultrasonic guidance, Solbiati L; Montali G; Croce F; Bellotti E; Giangrande A; Ravetto C, **148:** 793, 1983
- percutaneous bone biopsy: the importance of aspirated osseous blood, Hewes RC; Vigorita VJ; Freiberger RH, **148:** 69, 1983
- renal biopsies under ultrasound guidance: 100 consecutive biopsies in children (ab), Chan JCM; Brewer WH; Still WJ, **148:** 882, 1983
- simplified brush biopsy of the bile ducts, Cropper LD Jr; Gold RE, **148:** 307, 1983
- thin needle aspiration biopsy of thoracic lesions: impact on hospital charges and patterns of patient care, Gobien RP; Bouchard EA; Gobien BS; Valicenti JF; Vujić I, **148:** 65, 1983
- Bismuth**
- simple renal cysts treated with bismuth phosphate at the diagnostic puncture (ab), Zachrisson L, **148:** 330, 1983
- Bladder**
- See also Genitourinary system; Urography
- Bladder, radiography**
- modified excretory urography in prehysterectomy patients (ab), Kumar R; Weiner MA; Schreiber MH, **148:** 876, 1983
- simplified chain cystourethrography (L), Subramanian AB, **148:** 317, 1983
- simplified chain cystourethrography: reply (L), Rubesin SE; Pollack HM; Banner MP, **148:** 317, 1983
- transrectal sonographic voiding cystourethrography: studies in neuromuscular bladder dysfunction, Shapero LG; Friedland GW; Perkash I, (AJR), **141:** 83, 1983
- Bladder, surgery**
- invasive bladder carcinoma managed by irradiation and surgery (ab), DeWeerd JH; Colby MY Jr; Segura JW; et al, **148:** 351, 1983
- Bladder, therapeutic radiology**
- second cancers following radiotherapy for cervical cancer (ab), Kleinerman RA; Curtis RE; Boice JD Jr; et al, **148:** 352, 1983
- Bladder, ultrasound studies**
- transrectal sonographic voiding cystourethrography: studies in neuromuscular bladder dysfunction, Shapero LG; Friedland GW; Perkash I, (AJR), **141:** 83, 1983
- urosonography in spinal cord injury patients (ab), Calenoff L; Neiman HL; Kaplan PE; et al, **148:** 605, 1983
- Bladder neoplasms**
- second cancers following radiotherapy for cervical cancer (ab), Kleinerman RA; Curtis RE; Boice JD Jr; et al, **148:** 352, 1983
- Bladder neoplasms, therapeutic radiology**
- concurrent radiation and cisplatin in the treatment of advanced bladder cancer: a preliminary report (ab), Soloway MS; Ikkard M; Scheinberg M; et al, **148:** 351, 1983
- invasive bladder carcinoma managed by irradiation and surgery (ab), DeWeerd JH; Colby MY Jr; Segura JW; et al, **148:** 351, 1983
- Blastomycosis**
- Blastomycoses dermatidis and the adult respiratory distress syndrome (ab), Evans ME; Haynes JB; Atkinson JB; et al, **148:** 589, 1983
- Blindness**
- computed axial tomography scan demonstration of cerebral edema in eclampsia preceded by blindness (ab), Beeson JH; Duda EE, **148:** 337, 1983
- Blood**
- See also Anemia; Leukemia
- Blood, flow dynamics**
- Caldwell lecture: the collateral circulation: response to ischemia, Abrams HL, (AJR), **140:** 1051, 1983
- comparative study of angiography and dynamic computed tomography in liver angioma (ab), Baert AL; Marchal GJ; Wilms GE; et al, **148:** 599, 1983
- Doppler study of renal artery of transplant kidneys (ab), Koff D; Plainfosse MC; Merritt S, **148:** 604, 1983
- effect of aspirin on angioplasty-induced vessel wall hyperemia, Cragg AJ; Einzig S; Rysavy J; et al, (AJR), **140:** 1233, 1983
- evaluation of NMR imaging for detection and quantification of obstructions in vessels (ab), Kaufman L; Crooks LE; Sheldon PE; et al, **148:** 602, 1983
- positron emission tomography in venous ulceration and liposclerosis: study of regional tissue function (ab), Hopkins NFG; Spinks TJ; Rhodes CG; et al, **148:** 893, 1983
- red cell aggregation as a cause of blood-flow echogenicity, Sigel B; Machi J; Beittler JC; Justin JR, **148:** 799, 1983
- regional stasis of blood in the dysfunctional left ventricle: echocardiographic detection and differentiation from early thrombosis (ab), Mikell FL; Asinger RW; Elsperger KJ; et al, **148:** 346, 1983
- relation of in vivo blood flow to ultrasound echogenicity (ab), Machi J; Sigel B; Beittler JC; et al, **148:** 891, 1983
- Blood, platelets**
- intrahepatic haematoma in a patient on long-term haemodialysis (ab), Lai KN; Disney APS; Mathew TH, **148:** 600, 1983
- Blood, ultrasound studies**
- red cell aggregation as a cause of blood-flow echogenicity, Sigel B; Machi J; Beittler JC; Justin JR, **148:** 799, 1983
- relation of in vivo blood flow to ultrasound echogenicity (ab), Machi J; Sigel B; Beittler JC; et al, **148:** 891, 1983
- Blood-brain barrier**
- autoradiographic method for quantitative evaluation of the blood-brain barrier effects of contrast media, Gregoire N; Nezri C; Gazendam J; et al, (AJNR), **4:** 323, 1983
- comparison of blood-brain barrier disruption by intracarotid iopamidol and methylglucamine iothalamate, Sage MR; Wilcox J; Euvill CA; et al, (AJNR), **4:** 893, 1983
- intracarotid chemotherapy for glioblastoma after induced blood-brain barrier disruption, Bonstelle CT; Kori SH; Rekate H, (AJNR), **4:** 810, 1983
- Blood vessels**
- radionuclide evaluation of peripheral vascular injuries, Rudavsky AZ; Moss CM, (SNM), **13:** 142, 1983
- Blood vessels, flow dynamics**
- See Blood, flow dynamics
- Blood vessels, inflammation**
- See Vasculitis
- Blood vessels, nuclear magnetic resonance (NMR) studies**
- evaluation of NMR imaging for detection and quantification of obstructions in vessels (ab), Kaufman L; Crooks LE; Sheldon PE; et al, **148:** 602, 1983
- Blood vessels, stenosis**
- evaluation of NMR imaging for detection and quantification of obstructions in vessels (ab), Kaufman L; Crooks LE; Sheldon PE; et al, **148:** 602, 1983
- Blood vessels, ultrasound studies**
- deep venous thrombophlebitis following aortoiliac reconstructive surgery (ab), Reilly MK; McCabe CJ; Abbott WM; et al, **148:** 349, 1983
- Blount's disease**
- Blount disease (tibia vara): another skeletal disorder associated with childhood obesity (ab), Dietz WH Jr; Gross WL; Kirkpatrick JA Jr, **148:** 336, 1983
- Bone marrow, effects of irradiation on**
- dose delivered to various bone and marrow sites of radium-226 injected mice related to the observed heterogeneity in damage to haemopoietic marrow cells (ab), Schoeters GER, **148:** 608, 1983
- Bone marrow, radionuclide studies**
- spinal epidural extramedullary hematopoiesis with spinal cord compression in a patient with refractory sideroblastic anemia (ab), Heffez DS; Sawaya R; Udvarhelyi GB; et al, **148:** 338, 1983
- Bone neoplasms**
- computed tomography in suspected osteoid osteomas of tubular bones (ab), Herrlin K; Ekelund L; Lovdahl R; et al, **148:** 889, 1983
- digital subtraction angiography for preoperative evaluation of extremity tumors, Paushter DM; Borkowski GP; Buonocore E; et al, (AJR), **141:** 129, 1983
- incidence of bone sarcoma in Paget disease (L), Hall FM, **148:** 865, 1983
- incidence of bone sarcoma in Paget disease: reply (L), McLeod RA, **148:** 865, 1983
- management of fractures in hemophilia (ab), Wolff LJ; Lovrien EW, **148:** 877, 1983
- purely lytic osteosarcoma (ab), deSantos LA; Edeiken B, **148:** 889, 1983
- secondary hyperparathyroidism and brown tumors in a patient with gluten enteropathy, Ehrlich GW; Genant HK; Kolb FO, (AJR), **141:** 381, 1983
- Bone neoplasms, angiography**
- bone involvement pattern in hypervascular lesions (ab), Biersand AI, **148:** 877, 1983
- Bone neoplasms, biopsy**
- percutaneous bone biopsy: the importance of aspirated osseous blood, Hewes RC; Vigorita VJ; Freiberger RH, **148:** 69, 1983
- Bone neoplasms, computed-tomographic diagnosis**
- multiple imaging modalities in the evaluation of musculoskeletal masses (ab), Yiu-Chiu V; Chiu L, **148:** 888, 1983
- Bone neoplasms, diagnosis**
- multiple imaging modalities in the evaluation of musculoskeletal masses (ab), Yiu-Chiu V; Chiu L, **148:** 888, 1983
- Bone neoplasms, radiation-induced**
- postirradiation osteogenic sarcoma with unilateral metastatic spread within the field of irradiation (ab), Young JW; Liebscher LA, **148:** 896, 1983
- Bone neoplasms, radionuclide diagnosis**
- multiple imaging modalities in the evaluation of musculoskeletal masses (ab), Yiu-Chiu V; Chiu L, **148:** 888, 1983
- Bone neoplasms, secondary**
- bony metastases in carcinoma of the uterine cervix (ab), Bassan JS; Glaser MG, **148:** 330, 1983
- postirradiation osteogenic sarcoma with unilateral metastatic spread within the field of irradiation (ab), Young JW; Liebscher LA, **148:** 896, 1983
- preoperative angiography in patients with bone metastases (ab), Jonsson K; Johnell O, **148:** 591, 1983
- skeletal metastases: the effect on the immature skeleton (ab), Ogden JA; Ogden DA, **148:** 882, 1983
- Bone neoplasms, ultrasound diagnosis**
- multiple imaging modalities in the evaluation of musculoskeletal masses (ab), Yiu-Chiu V; Chiu L, **148:** 888, 1983
- Bones**
- See also under names of individual bones
- Bones, abnormalities**
- metachondromatosis, Kennedy LA, **148:** 117, 1983
- osteopenia and rickets in the extremely low birth weight infant—a survey of the incidence and radiological classification (ab), Masel JP; Tudehope D; Cartwright D; et al, **148:** 336, 1983
- staged osteotomy-osteoclasis in the correction of long-bone deformities (ab), Malan MM; Van Der Westhuizen O, **148:** 331, 1983
- Bones, computed tomography**
- computed tomography in suspected osteoid osteomas of tubular bones (ab), Herrlin K; Ekelund L; Lovdahl R; et al, **148:** 889, 1983
- Bones, cysts**
- lipomembranous polycystic osteodysplasia (brain, bone, and fat disease): a genetic cause of presenile dementia (ab), Bird TD; Koerber RM; Leaird BJ; et al, **148:** 595, 1983
- Bones, diseases**
- dermatofibrosis lenticularis disseminata with osteopoikilosis (Buschke-Ollendorff syndrome) (ab), Lippelt C; Petzel H, **148:** 595, 1983

Bones, diseases

- lipomembranous polycystic osteodysplasia (brain, bone, and fat disease); a genetic cause of presenile dementia (ab), Bird TD; Koerker RM; Leard BJ; et al, **148:** 595, 1983
noninvasive bone mineral measurements, Wahner HW; Dunn WL; Riggs BL, (SNM), **13:** 282, 1983
scintigraphic evaluation of diabetic osteomyelitis: concise communication (ab), Park H-M; Wheat LJ; Siddiqui AR; et al, **148:** 350, 1983
- Bones, effects of drugs on**
radiology of musculoskeletal complications of drug addiction, Firooznia H; Golimb C; Rafii M; et al, (SR), **18:** 198, 1983
- Bones, fibroma**
chondromyxoid fibroma of bone (ab), Beggs IC; Stoker DJ, **148:** 331, 1983
- Bones, fractures**
See Fractures
- Bones, growth and development**
early roentgenographic evaluation of bowlegged children (ab), O'Neal DA; MacEwen JD, **148:** 595, 1983
longitudinally bracketed diaphyses in young children (ab), Theander G; Carstam N; Rausing A, **148:** 883, 1983
osteomalacia due to aluminum toxicity (ab), Cournot-Witmer G; Gagnadoux MF; Lebon P; et al, **148:** 882, 1983
- Bones, injuries**
bone scintigraphy in the diagnosis and management of traumatic injury, Matin P, (SNM), **13:** 104, 1983
early scintigraphic diagnosis of bone stress and fractures in athletic adolescents (ab), Rosen PR; Mitcheli LJ; Treves S, **148:** 893, 1983
- Bones, measurement**
congenital cavus foot (ab), Weseley MS; Barenfeld PA; Shea JM; et al, **148:** 595, 1983
noninvasive bone mineral measurements, Wahner HW; Dunn WL; Riggs BL, (SNM), **13:** 282, 1983
relationship of fetal limb lengths to both biparietal diameter and gestational age (ab), Seeds JW; Cefalo RC, **148:** 604, 1983
- Bones, mineralization**
osteopenia and rickets in the extremely low birth weight infant—a survey of the incidence and radiological classification (ab), Masel JP; Tudehope D; Cartwright D; et al, **148:** 336, 1983
quantitative computed tomography of vertebral spondylosis: a sensitive method for detecting early bone loss after oophorectomy (ab), Genant HK; Cann CE; Ettinger B; et al, **148:** 342, 1983
- Bones, osteochondrodysplasias**
achondrogenesis: new nosology with evidence of genetic heterogeneity, Whitley CB; Gorlin RJ, **148:** 693, 1983
intermediate form of osteopetrosis with recessive inheritance (ab), Kaibara N; Katsuki I; Hotobuchi T; et al, **148:** 878, 1983
metachondromatosis, Kennedy LA, **148:** 117, 1983
polyhydramnios associated with fetal limb abnormalities, Wong WS; Filly RA, (AJR), **140:** 1001, 1983
- Bones, radiography**
kohler/zimmergrenzen des normalen und anfangs des pathologischen im röntgenbild des skeletts. 12th ed. (bk rev), Zimmer EA, Reviewed by Oestreich AE, **148:** 424, 1983
- Bones, radionuclide studies**
bone scintigraphy in the diagnosis and management of traumatic injury, Matin P, (SNM), **13:** 104, 1983
bone scintigraphy of hip joint effusions in children, Kloiber R; Pavlosky W; Portner O; et al, (AJR), **140:** 995, 1983
early scintigraphic diagnosis of bone stress and fractures in athletic adolescents (ab), Rosen PR; Mitcheli LJ; Treves S, **148:** 893, 1983
gamut: left upper quadrant increased uptake in bone imaging, Lin DS, (SNM), **13:** 179, 1983
scintigraphy in the evaluation of potential fracture healing: a clinical study of tibial fractures (ab), Auchincloss JM; Watt I, **148:** 893, 1983
should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? (L), Diament MJ, **148:** 573, 1983
- should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? reply (L), Sty JR; Starshak RJ, **148:** 573, 1983
- should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? (L), Merten DF; Radkowski MA; Leonidas JC, **148:** 574, 1983
should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? comment (L), Conway JJ, **148:** 574, 1983
- should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? second reply (L), Merten DF; Radkowski MA; Leonidas JC, **148:** 575, 1983
- should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? comment (L), Berdon JW, **148:** 576, 1983
- Bones, sclerosis**
melorheostosis of the axial skeleton with associated fibrolipomatous lesions (ab), Garver P; Resnick D; Haghghi P; et al, **148:** 889, 1983
- Bones, surgery**
staged osteotomy-osteoclasis in the correction of long-bone deformities (ab), Malan MM; Van Der Westhuizen O, **148:** 331, 1983
- Book reviews**
Andre C; Avni FE; Brunelle F; Cadier L; Cohen JY; Couture A; Devred P; Ferran JL; Garel L; Kalifa G; Lalande G; Lallemand D; Le Bihan B; Le Dosseur P; Leclerc J; Montagne JP; Neuenschwander S; Spehl-Robbrecht M; echographie pédiatrique, Reviewed by Oestreich AE, **148:** 798, 1983
Athanasoulis CA; Pfister RC; Greene RE; Roberson GH; interventional radiology: principles and techniques, Reviewed by Gobien RP, **148:** 676, 1983
Atkinson P; Woodcock JP; Doppler ultrasound and its use in clinical measurements, Reviewed by Holter J, **148:** 518, 1983
Balingen PW; Merrill's atlas of radiographic positions and radiologic procedures, fifth edition, Reviewed by Cunningham LF, **148:** 374, 1983
Bunjes WE, medical and pharmaceutical dictionary: English-German, 4th ed., Reviewed by Oestreich AE, **148:** 374, 1983
Bunjes WE, wörterbuch der medizin und pharmazeutik: Deutsch-English, 3rd ed., Reviewed by Oestreich AE, **148:** 374, 1983
Dequeker J, atlas of radiology of rheumatic disorders, Reviewed by Carrera GF, **148:** 646, 1983
Dietemann JL; Medrek L, angiographie cerebrale, Reviewed by Griffiths HJ, **148:** 442, 1983
Dublin AB; Dublin WB, atlas of neuroanatomy with radiologic correlation and pathologic illustration, Reviewed by Kido DK, **148:** 706, 1983
Eisenberg RL, gastrointestinal radiology: a pattern approach, Reviewed by Wyman AC, **148:** 632, 1983
Erickson JJ; Rollo FD, eds, digital nuclear medicine, Reviewed by O'Mara RE, **148:** 832, 1983
Federly MP; Brant-Zawadzki M, computed tomography in the evaluation of trauma, Reviewed by Bohrer SP, **148:** 778, 1983
Ferrucci JT Jr; Wittenberg J, interventional radiology of the abdomen, Reviewed by Gobien RP, **148:** 84, 1983
Franken EA Jr; Smith WL, eds, gastrointestinal imaging in pediatrics, 2d ed., Reviewed by Teale RL, **148:** 428, 1983
Freney PC; Lawson TL, radiology of the pancreas, Reviewed by Skucas J, **148:** 640, 1983
Greenfield LD; Uzler JM, eds, nuclear medicine in clinical practice: selective correlation with ultrasound and computed tomography, Reviewed by Grossman Z, **148:** 538, 1983
Jadonic B; Wieser HX, ein- und zweidimensionale klinische echokardiographie, Reviewed by Oestreich AE, **148:** 528, 1983
Kelley MJ; Jaff CC; Kleinman CS, cardiac imaging in infants and children, Reviewed by Hernandez R, **148:** 416, 1983
Kremer H, ed, sonographische diagnostik innerer erkrankungen—eine praktische einführung, Reviewed by Oestreich AE, **148:** 532, 1983
- Kriessmann A; Bollinger A; Keller H, praxis der Doppler-sonographie, peripherie arterien und venen, hirversorgende arterien, Reviewed by Oestreich AE, **148:** 528, 1983
- Lee SH; Rao KCVG, cranial computed tomography, Reviewed by Hammerschlag SB; Barr JW, **148:** 460, 1983
Maroteaux P, maladies osseuses de l'enfant, Reviewed by Kaufmann HJ, **148:** 436, 1983
National Council on Radiation Protection and Measurements, control of exposure of the public to ionizing radiation in the event of accident or attack, proceedings of a symposium held on April 27-29, 1981, Reviewed by Griffiths HJ, **148:** 560, 1983
Ogden JA, skeletal injury in the child, Reviewed by Wood BP, **148:** 124, 1983
Orton CG, ed, progress in medical radiation physics, vol. I, Reviewed by Bjarnard B, **148:** 844, 1983
Poyton HG, oral radiology, Reviewed by Cacciotti LR, **148:** 156, 1983
Ring EJ; McLean GK, interventional radiology: principles and techniques, Reviewed by Gobien RP, **148:** 88, 1983
Rosenfield NS, radiology of childhood leukemia and its therapy, Reviewed by Afshani E, **148:** 424, 1983
Shirakabe H; Nishizawa M; Maruyama M; Kobayashi S, atlas of x-ray diagnosis of early gastric cancer, 2nd ed., Reviewed by Miller RE, **148:** 632, 1983
Sinner WN, ed, needle biopsy and transbronchial biopsy, Reviewed by Wandtke JC, **148:** 402, 1983
Sprawls P, physics and instrumentation of nuclear medicine, Reviewed by Weber DA, **148:** 546, 1983
Taybi H, radiology of syndromes and metabolic disorders, 2nd ed., Reviewed by Jacobs P, **148:** 616, 1983
Unsold R; Osterdag CB; DeGroot J; Newton TH, computer reformations of the brain and skull base, Reviewed by Kido DK, **148:** 706, 1983
Vargha G, pharmaangiography in the diagnosis of tumors, Reviewed by Dittman WI, **148:** 658, 1983
Winsberg F; Cooperberg PL, real-time ultrasonography, Reviewed by Lerner RM, **148:** 808, 1983
Zimmer EA, kohler/zimmergrenzen des normalen und anfangs des pathologischen im röntgenbild des skeletts, 12th ed., Reviewed by Oestreich AE, **148:** 424, 1983
- Bowel**
See Intestines
- Brachial plexus**
brachial plexus: anatomic, radiologic, and pathologic correlation using computed tomography (ab), Gebarski SS; Glazer GM; Gebarski SS, **148:** 599, 1983
- Brain**
See also Brain neoplasms; Head; Hydrocephalus
computer reformations of the brain and skull base (bk rev), Unsold R; Osterdag CB; DeGroot J; Newton TH, Reviewed by Kido DK, **148:** 706, 1983
- Brain, abnormalities**
cerebral CT findings in methylmalonic and propionic acidemias, Gebarski SS; Gabrielson TO; Knake JE; et al, (AJNR), **4:** 955, 1983
NMR demonstration of cerebral abnormalities: comparison with CT, Brant-Zawadzki M; Davis PL; Crooks LE; et al, (AJR), **140:** 847, 1983
- Brain, abscess**
NMR imaging of experimental brain abscess: comparison with CT, Brant-Zawadzki M; Enzmann DR; Placome RC Jr; et al, (AJNR), **4:** 250, 1983
short term, high dose corticosteroids in computed tomographic staging of experimental brain abscess (ab), Lyons BE; Enzmann DR; Britz RH; et al, **148:** 337, 1983
- Brain, anatomy**
adjustable computerized stereotaxic brain atlas for transmission and emission tomography, Bohm C; Greitz T; Kingsley D; et al, (AJNR), **4:** 731, 1983
quantification of gray/white matter in neonates and adults, Lee BCP; Kneeland B; Knowles RJ; et al, (AJNR), **4:** 692, 1983
three-dimensional neuroanatomical images in CT-guided stereotaxic neurosurgery, Giorgi C; Broggi G; Garibotto G; et al, (AJNR), **4:** 719, 1983

Brain, aneurysm

See Aneurysm, cerebral

Brain, atrophy

aging, dementia, and brain atrophy: a longitudinal computed tomographic study, Gado M; Hughes CP; Danziger W; et al, (AJNR), 4: 699, 1983
 brain atrophy in dementia judged by CT scan ranking, Gado M; Patel J; Hughes CP; et al, (AJNR), 4: 499, 1983

brain tumors with ipsilateral cerebral hemiatrophy, Maehara T; Machida T; Tsuchiya K; et al, (AJNR), 4: 478, 1983

cerebral atrophy in infants with protein energy malnutrition, El-Tatwy S; Badravi N; El Bishlawy A, (AJNR), 4: 434, 1983

computed tomography in the investigation of dementia (ab), Bradshaw JR; Thomson JLG; Campbell MJ, 148: 884, 1983

cortical atrophy in Parkinson disease: correlation between clinical and CT findings with special emphasis on prefrontal atrophy, Adam P; Fabre N; Guell A; et al, (AJNR), 4: 442, 1983

evaluation of the brainstem with high-resolution CT in cerebellar atrophic processes, Abe S; Miyasaka K;

Tashiro K; et al, (AJNR), 4: 446, 1983

morphologic cerebral changes in patients undergoing dialysis for renal failure, Kretschmar K; Nix W; Zschiedrich H; et al, (AJNR), 4: 439, 1983

positron emission tomographic studies of aging and Alzheimer disease, de Leon MJ; Ferris SH; George AE; et al, (AJNR), 4: 568, 1983

Brain, biopsy

combined use of stereotactic CT and angiography for brain biopsies and stereotactic irradiation, Gabrauer H; Sturm V; Schlegel W; et al, (AJNR), 4: 715, 1983

intraoperative neurosurgical ultrasound in the localization and characterization of intracranial masses, Rubin JM; Dohrmann GJ, 148: 519, 1983

intraoperative sonography in the nonstereotactic biopsy and aspiration of subcortical brain lesions, Knake JE; Chandler WF; Gabrielsen TO; et al, (AJNR), 4: 672, 1983

Brain, calcification

colloid cysts of the third ventricle: a radiologic-pathologic correlation (ab), Michels LG; Rutz D, 148: 338, 1983

neuro-ophthalmologic signs and symptoms of cysticercosis (ab), Keane JR, 148: 338, 1983
 voluminous intracranial chondroma (ab), Campora SA; Troisi F; Fusco G; et al, 148: 338, 1983

Brain, computed tomography

See Head, computed tomography

Brain, cysts

colloid cysts of the third ventricle: a radiologic-pathologic correlation (ab), Michels LG; Rutz D, 148: 338, 1983

computed tomographic evaluation of corpus callosum agenesis and associated malformations (ab), Larsen PD; Osborn AG, 148: 883, 1983

neuro-ophthalmologic signs and symptoms of cysticercosis (ab), Keane JR, 148: 338, 1983
 periventricular white-matter cysts in a murine model of gram-negative ventriculitis, Naidich TP; McLone DG; Yamanouchi Y, (AJNR), 4: 461, 1983

Brain, death

brain scintigraphy in the diagnosis of the sequelae of head trauma, Silberstein EB, (SNM), 13: 153, 1983

complementary roles of radionuclide and computed tomographic imaging in evaluating trauma, Berg BC, (SNM), 13: 86, 1983

radionuclide cerebral imaging confirming brain death (ab), Schwartz J.; Baxter J.; Brill D; et al, 148: 884, 1983

Brain, dilation

neuro-ophthalmologic signs and symptoms of cysticercosis (ab), Keane JR, 148: 338, 1983

Brain, diseases

central pontine myelinolysis and rapid correction of hyponatremia (ab), Gross SG; Bell RD, 148: 337, 1983

CT parenchymal abnormalities in bacterial meningitis: clinical significance (ab), Packer RJ; Bilaniuk LT; Zimmerman RA, 148: 593, 1983

intracranial intravenous digital subtraction angiography (ab), Enzmann DR; Brody WR; Riederer S; et al, 148: 339, 1983

intraoperative neurosurgical ultrasound: transdural and transfontanelle applications, Merritt CRB; Coulon R; Connolly E, 148: 513, 1983

lipomembranous polycystic osteodysplasia (brain, bone, and fat disease): a genetic cause of presenile dementia (ab), Bird TD; Koerner RM; Leaird BJ; et al, 148: 595, 1983
 nuclear magnetic resonance (NMR) imaging in white matter disease of the brain using spin-echo sequences (ab), Young IR; Randell CP; Kaplan PW; et al, 148: 887, 1983

Brain, edema

computed axial tomography scan demonstration of cerebral edema in eclampsia preceded by blindness (ab), Beson JH; Duda EE, 148: 337, 1983

Dyke award: influence of fiber tracts on the CT appearance of cerebral edema: anatomic-pathologic correlation, Cowley AR, (AJNR), 4: 915, 1983

stereotoxic lesion as a model of brain edema, Cronqvist SE; Kullberg G, (AJNR), 4: 722, 1983

Brain, effects of drugs on

radiology of drug addiction affecting the brain, Leeds NE; Malhotra V;

Zimmerman RD, (SR), 18: 227, 1983

Brain, hematoma

See Brain, hemorrhage

Brain, hemorrhage

anatomical bases for the ultrasound diagnosis of cerebrovascular hemorrhage and its sequelae (ab), de Crespigny LC; Robinson HP, 148: 889, 1983

complementary roles of radionuclide and computed tomographic imaging in evaluating trauma, Berg BC, (SNM), 13: 86, 1983

intraventricular hemorrhage in the full-term neonate (ab), Scher MS; Wright FS; Lockman LA; et al, 148: 593, 1983

lobar intracerebral hematomas: clinical and CT analysis of 22 cases (ab), Kase CS; Williams JP; Wyatt DA; et al, 148: 339, 1983
 management of traumatic intracranial haematoma (ab), Teasdale G; Galbraith S; Murray L; et al, 148: 337, 1983

spontaneous hemorrhage in medulloblastomas, Weinstein ZR; Downey EF Jr, (AJNR), 4: 986, 1983

Brain, infarction

comparison study of CT and positron emission tomographic data in recent cerebral infarction, Baron JC; Delattre JY; Bories J; et al, (AJNR), 4: 536, 1983

computed tomography in the investigation of dementia (ab), Bradshaw JR; Thomson JLG; Campbell MJ, 148: 884, 1983

infarct versus neoplasm on CT: four helpful signs, Masdeu JC, (AJNR), 4: 522, 1983

in vivo quantitation of regional cerebral blood flow in glioma and cerebral infarction: validation of the HIPIDm-SPECT method, Drayer B; Jaszcak R; Friedman A; et al, (AJNR), 4: 572, 1983

neoplastic angiogenesis: a case with spontaneous regression and radiographic appearance of cerebral arteritis (ab), LeWitt PA; Forno LS; Brant-Zawadzki M, 148: 883, 1983

Brain, infection

cerebral cysticercosis with reference to the natural history of parenchymal lesions, Handler LC; Mervis B, (AJNR), 4: 709, 1983

unusual computed tomographic presentation of cerebral toxoplasmosis, Mazer S; Araujo JC; Ribeiro RC; et al, (AJNR), 4: 458, 1983

Brain, ischemia

aortic arch digital arteriography: an alternative technique to digital venous angiography and routine arteriography in the evaluation of cerebrovascular insufficiency, Zimmerman RD;

Goldman MJ; Auster M; et al, (AJNR), 4: 266, 1983

isotope cerebral perfusion studies before and after extracranial/intracranial bypass, Turnbull IW, (AJNR), 4: 566, 1983

natural history of nonstenotic, asymptomatic ulcerative lesions of the carotid artery (ab), Dixon S; Pais O; Raviola C; et al, 148: 329, 1983

NMR imaging of acute experimental cerebral ischemia: time course and pharmacologic manipulations, Levy RM; Mano I; Brito A; et al, (AJNR), 4: 238, 1983

non-invasive carotid screening (ab), Reeves BF; Reed DD; Ahlstrand RA, 148:

890, 1983

postasphyxial encephalopathy in full-term infants: ultrasound diagnosis, Babcock DS; Ball W Jr, 148: 417, 1983

Brain, necrosis

brain stem necrosis after irradiation of pituitary adenoma (ab), Fukamachi A; Wakao T; Akai J, 148: 596, 1983

Brain, nuclear magnetic resonance (NMR) studies

extracerebral collections: recognition by NMR imaging, Young IR; Bydder GM; Hall AS; et al, (AJNR), 4: 833, 1983

Hammersmith clinical experience with nuclear magnetic resonance (ab), Steiner RE, 148: 887, 1983

NMR demonstration of cerebral abnormalities: comparison with CT, Brant-Zawadzki M; Davis PL; Crooks LE; et al, (AJNR), 140: 847, 1983

NMR imaging in the diagnosis and management of intracranial angiomas, Young IR; Bydder GM; Hall AS; et al, (AJNR), 4: 837, 1983

NMR imaging in the recognition of giant intracranial aneurysms, Worthington BS; Keay DM; Hawkes RC; et al, (AJNR), 4: 835, 1983

NMR imaging of acute experimental cerebral ischemia: time course and pharmacologic manipulations, Levy RM; Mano I; Brito A; et al, (AJNR), 4: 238, 1983

NMR tissue characterization in intracranial tumors: preliminary results, Hawkes RC; Holland GN; Moore WS; et al, (AJNR), 4: 830, 1983

nuclear magnetic resonance (NMR) imaging in white matter disease of the brain using spin-echo sequences (ab), Young IR; Randell CP; Kaplan PW; et al, 148: 887, 1983

Brain, parasites

cerebral cysticercosis with reference to the natural history of parenchymal lesions, Handler LC; Mervis B, (AJNR), 4: 709, 1983

Brain, radiography

focused encephalography, Ruggiero G;

Manfredini M, (AJNR), 4: 767, 1983

paramedian hourglass epidermoid extending above and below the tentorium (ab), Albanese V; Tomasello F; Picozzi P; et al, 148: 598, 1983

radiology of drug addiction affecting the brain, Leeds NE; Malhotra V;

Zimmerman RD, (SR), 18: 227, 1983

use of invasive neuroradiological investigations in patients with normal computerized tomography (ab), Tatler GLV; Moseley IF, 148: 337, 1983

Brain, radionuclide studies

brain scintigraphy in the diagnosis of the sequelae of head trauma, Silberstein EB, (SNM), 13: 153, 1983

intracranial cavernous hemangiomas: neuroradiologic review of 36 operated cases, Savorio M; Strada L; Passerini A, (AJNR), 4: 945, 1983

in vivo quantitation of regional cerebral blood flow in glioma and cerebral infarction: validation of the HIPIDm-SPECT method, Drayer B; Jaszcak R; Friedman A; et al, (AJNR), 4: 572, 1983

isotope cerebral perfusion studies before and after extracranial/intracranial bypass, Turnbull IW, (AJNR), 4: 566, 1983

radionuclide cerebral imaging confirming brain death (ab), Schwartz JA; Baxter J; Brill D; et al, 148: 884, 1983

Brain, surgery

acute nonlymphocytic leukemia in a patient treated for brain tumor (ab), Hildebrand J; Malarma M; Flament-Durand J; et al, 148: 337, 1983

computed tomography in the planning and evaluation of therapeutic stereotactic surgical procedures of the brain, Osborne DR; Iacono R; Nashold BS; et al, (AJNR), 4: 807, 1983

CT prognostic criteria of survival after malignant glioma surgery, Andreou J; George AE; Wise A; et al, (AJNR), 4: 488, 1983

hydrocephalus in adults: ultrasound detection through surgically created cranial defects, Gooding GAW; Edwards MSB, 148: 561, 1983

Brain, surgery

- intraoperative ultrasound assisted stereotactic brain surgery (L), Heilbrun MP; Mukuno DH; Lee TG; Boultier WV; Harnsberger HR; Raabe RP, **148:** 576, 1983
lobar intracerebral hematomas: clinical and CT analysis of 22 cases (ab), Kase CS; Williams JP; Wyatt DA; et al, **148:** 339, 1983
neurosurgical management of optic glioma (ab), Tenny RT; Laws ER Jr; Younger BR; et al, **148:** 338, 1983
three-dimensional neuroanatomic images in CT-guided stereotactic neurosurgery, Giorgi C; Broggi G; Garibotti G; et al, **(AJNR):** 4: 719, 1983
- Brain, therapeutic radiology**
combined use of stereotactic CT and angiography for brain biopsies and stereotactic irradiation, Gahbauer H; Sturm V; Schlegel W; et al, **(AJNR):** 4: 715, 1983
- Brain, ultrasound studies**
anatomical bases for the ultrasound diagnosis of cerebroventricular hemorrhage and its sequelae (ab), de Crespigny LC; Robinson HP, **148:** 889, 1983
bacterial meningitis in infants: sonographic features, Rosenberg HK; Levine RS; Stoltz K; et al, **(AJNR):** 4: 822, 1983
hydrocephalus in adults: ultrasound detection through surgically created cranial defects, Gooding GAW; Edwards MSB, **148:** 561, 1983
intraoperative neurosurgical ultrasound in the localization and characterization of intracranial masses, Rubin JM; Dohrmann GJ, **148:** 519, 1983
intraoperative neurosurgical ultrasound: localization of brain tumors in infants and children, Shkolnik A; Tomita T; Raimondi AJ; Hahn YS; McLone DG, **148:** 525, 1983
intraoperative neurosurgical ultrasound: transdural and transfontanellar applications, Merritt CRB; Coulon R; Connolly E, **148:** 513, 1983
intraoperative sonography in the nonstereotactic biopsy and aspiration of subcortical brain lesions, Knake JE; Chandler WF; Gabrielsen TO; et al, **(AJNR):** 4: 672, 1983
in vivo quantitation of regional cerebral blood flow in glioma and cerebral infarction: validation of the HIPDM-SPECT method, Drayer B; Jaszcak R; Friedman A; et al, **(AJNR):** 4: 572, 1983
neurosurgical management of optic glioma (ab), Tenny RT; Laws ER Jr; Younger BR; et al, **(AJNR):** 4: 338, 1983
NMR tissue characterization in intracranial tumors: preliminary results, Hawkes RC; Holland GN; Moore WS; et al, **(AJNR):** 4: 830, 1983
paramedian hourglass epidermoid extending above and below the tentorium (ab), Albanese V; Tomasello F; Pizzoci P; et al, **148:** 598, 1983
positron emission tomographic study of suppression of gray-matter glucose utilization by brain tumors, DeLaPaz RL; Patronas NJ; Brooks RA; et al, **(AJNR):** 4: 826, 1983
preliminary clinical results of proton (¹H) imaging of cranial neoplasms: in vivo measurements of T₁ and mobile proton density, Brady TJ; Buonanno FS; Pykett IL; et al, **(AJNR):** 4: 225, 1983
radiology of primary intracranial yolk-sac (endodermal sinus) tumors, Hildenbrand PG; Gabrielsen TO; Dorovini-Zis K; et al, **(AJNR):** 4: 991, 1983
spontaneous hemorrhage in medulloblastomas, Weinstein ZR; Downey EF Jr, **(AJNR):** 4: 986, 1983
stereotactic laser ablation of intracranial lesions, Alker G; Kelly PJ; Kall B; et al, **(AJNR):** 4: 727, 1983
superselective injection of BCNU through a latex calibrated-leak balloon, Debrun GM; Davis KR; Hochberg FH, **(AJNR):** 4: 399, 1983
- Brain neoplasms, computed tomography**
brain tumor CT attenuation coefficients: semiquantitative analysis of histograms, Ratzka M; Haubitz I, **(AJNR):** 4: 505, 1983
computed tomography of primitive neuroectodermal tumors, Ganti SR; Silver AJ; Diefenbach P; et al, **(AJNR):** 4: 819, 1983
CT prognostic criteria of survival after malignant glioma surgery, Andreou J; George AE; Wise A; et al, **(AJNR):** 4: 488, 1983
epidermoid tumor of the fourth ventricle: use of metrizamide—computed tomography (ab), Gellad F; Rao KCVG; Arora S; et al, **148:** 884, 1983
glycolytic rate (PET) and contrast enhancement (CT) in human cerebral gliomas, Patronas NJ; Brooks RA; DeLaPaz RL; et al, **(AJNR):** 4: 533, 1983
infarct versus neoplasm on CT: four helpful signs, Masdeu JC, **(AJNR):** 4: 522, 1983
intracranial tumors in the first year of life (ab), Jooma R; Kendall BE, **148:** 334, 1983
neoplastic angiogenesis: a case with spontaneous regression and radiographic appearance of cerebral arteritis (ab), LeWitt PA; Forno LS; Brant-Zawadzki M, **148:** 883, 1983
- Brain neoplasms, therapeutic radiology**
management of glioblastoma multiforme by irradiation and chemotherapy (ab), Shehata WM; Meyer RL; Jazy FK; et al, **148:** 894, 1983
neurosurgical management of optic glioma (ab), Tenny RT; Laws ER Jr; Younger BR; et al, **148:** 338, 1983
- Brain neoplasms, therapy**
acute nonlymphocytic leukemia in a patient treated for brain tumor (ab), Hildebrand J; Malarame M; Flament-Durand J; et al, **148:** 337, 1983
- Brain stem**
See Medulla oblongata
- Breast, biopsy**
mammographic and pathologic correlation of microcalcification in disease of the breast (ab), Colbassani HJ Jr; Feller WF; Cigay OS; et al, **148:** 331, 1983
- Breast, calcification**
mammographic and pathologic correlation of microcalcification in disease of the breast (ab), Colbassani HJ Jr; Feller WF; Cigay OS; et al, **148:** 331, 1983
- Breast, cysts**
palpable breast masses: evaluation by high frequency, hand-held real-time sonography and xeromammography, Fleischer AC; Muhlethaler CA; Reynolds VH; Machin JE; Thieme GA; Bundy AL; Winfield AC; James AE Jr, **148:** 813, 1983
- Breast, diseases**
focal fibrous disease of the breast: mammographic detection of an unappreciated condition, Hermann G; Schwartz IS, **(AJR):** 140: 1245, 1983
- Breast, effects of irradiation on**
reduction of radiation exposure during radiography for scoliosis (ab), Gray JE; Hoffman AD; Peterson HA, **148:** 877, 1983
- Breast, nuclear magnetic resonance (NMR) studies**
initial experience with nuclear magnetic resonance (NMR) imaging of the human breast (ab), El Yousef SJ; Alfidi RJ; Duchesneau RH; et al, **148:** 602, 1983
- Breast, ultrasound studies**
breast cancer detection with sonography and mammography: comparison using state-of-the-art equipment, Sickles EA; Filley RA; Callen PW, **(AJR):** 140: 843, 1983
- Breast neoplasms**
large solitary breast masses: xeromammographic-pathologic correlation, Orson LW; Cigay OS, **(RG):** 3: 301, 1983
mammographic and pathologic correlation of microcalcification in disease of the breast (ab), Colbassani HJ Jr; Feller WF; Cigay OS; et al, **148:** 331, 1983
- Breast neoplasms, diagnosis**
analysis of mammography: a blind interpretation of BCDDP radiographs, Goin JE; Haberman JD; Linder MK; Lambird PA, **148:** 393, 1983
breast cancer detection with sonography and mammography: comparison using state-of-the-art equipment, Sickles EA; Filley RA; Callen PW, **(AJR):** 140: 843, 1983
- Breast neoplasms, radiation-induced**
breast cancer following iodine-131 therapy for hyperthyroidism (ab), Hoffman DA; McConahey WM, **148:** 896, 1983
- Breast neoplasms, therapeutic radiology**
postirradiation osteogenic sarcoma with unilateral metastatic spread within the field of irradiation (ab), Young JW; Liebscher LA, **148:** 896, 1983
pulmonary aspergillosis after radiation therapy (ab), Ward MJ; Davies D, **148:** 352, 1983
- radical irradiation in the primary management of localized breast carcinoma (ab), Southard M; Turalba CJC; Mansfield CM; et al, **148:** 351, 1983
recall of radiation pneumonitis after intrapleural administration of doxorubicin (ab), Hill AB; Tattersall SF, **148:** 895, 1983
- Breast neoplasms, ultrasound diagnosis**
palpable breast masses: evaluation by high frequency, hand-held real-time sonography and xeromammography, Fleischer AC; Muhlethaler CA; Reynolds VH; Machin JE; Thieme GA; Bundy AL; Winfield AC; James AE Jr, **148:** 813, 1983
- Breast radiography**
analysis of mammography: a blind interpretation of BCDDP radiographs, Goin JE; Haberman JD; Linder MK; Lambird PA, **148:** 393, 1983
- focal fibrous disease of the breast: mammographic detection of an unappreciated condition, Hermann G; Schwartz IS, **(AJR):** 140: 1245, 1983
- initial experience with nuclear magnetic resonance (NMR) imaging of the human breast (ab), El Yousef SJ; Alfidi RJ; Duchesneau RH; et al, **148:** 602, 1983
- large solitary breast masses: xeromammographic-pathologic correlation, Orson LW; Cigay OS, **(RG):** 3: 301, 1983
mammographic and pathologic correlation of microcalcification in disease of the breast (ab), Colbassani HJ Jr; Feller WF; Cigay OS; et al, **148:** 331, 1983

Catheters and catheterization, complications

patterns of breast skin thickness in normal mammograms (ab), Willson SA; Adam EJ; Tucker AK, **148:** 331, 1983

Breast radiography, technology

breast cancer detection with sonography and mammography: comparison using state-of-the-art equipment, Sickles EA; Filly RA; Callen PW, *(AJR)*, **140:** 843, 1983

Bronchi

See also Lung

Bronchi, diseases

radiology of cryptogenic obliterative bronchiolitis (ab), Breathnach E; Kerr I, **148:** 328, 1983

Bronchi, intubation

treatment of localized pulmonary interstitial emphysema with selective bronchial intubation, Vahey TN; Pratt GB; Baum RS, *(AJR)*, **140:** 1107, 1983

Bronchi, neoplasms

bronchial carcinoid tumours: radio-clinical signs—a report of twenty-nine cases (ab), Marlin J; Pinet F; Loire R; et al, **148:** 590, 1983

primary chondrosarcoma of the lung (ab), Sun C-CJ; Kroll M; Miller JE, **148:** 327, 1983

Bronchi, radiography

See Bronchography

Bronchi, stenosis

vascular ring: unusual cause of unilateral obstructive pulmonary hyperinflation, Pirtle T; Clarke E, *(AJR)*, **140:** 1111, 1983

Bronchiolitis

radiology of cryptogenic obliterative bronchiolitis (ab), Breathnach E; Kerr I, **148:** 328, 1983

Bronchography

radiology of cryptogenic obliterative bronchiolitis (ab), Breathnach E; Kerr I, **148:** 328, 1983

tracheobronchography in the evaluation of anomalous left pulmonary artery (ab), Siegel MJ; Shackelford GD; McAlister WH, **148:** 334, 1983

Bucrylate

histopathologic effects of transarterial bucrylate occlusion of intracerebral arteries in mongrel dogs, Kish KK; Rapp SM; Wilner HI; et al, *(AJNR)*, **4:** 385, 1983

C

Calcification

See under names of disease, organs, and regions, such as Brain, calcification

Calcinosis

See Calcium

Calcium

reduction of calcium activity by radiopaque contrast media, Morris TW; Sahler LG; Violante M; Fischer HW, **148:** 55, 1983

tumoral calcinosis: case report and review (ab), Bishop AF; Destouet JM; Murphy WA; et al, **148:** 877, 1983

Californium, radioactive

californium-252 brachytherapy plus fractionated irradiation for advanced tonsillar carcinoma, Maruyama Y, **148:** 247, 1983

Cancer

See Neoplasms; Radiations, injurious effects; Radiobiology; under names of organs and regions; under names of individual neoplasms

Cancer screening

lung cancer detected during a screening program using four-month chest radiographs, Muhm JR; Miller WE; Fontana RS; Sanderson DR; Uhlenhopp MA, **148:** 609, 1983

screening chest radiography: its role in modern medicine (ab), Greene R, **148:** 328, 1983

screening for lung cancer in a fixed population by biennial chest radiography, Hayabuchi N; Russell WJ; Murakami J; Nishitani H, **148:** 369, 1983

Carcinoid

bronchial carcinoid tumours: radio-clinical signs—a report of twenty-nine cases (ab), Marlin J; Pinet F; Loire R; et al, **148:** 590, 1983

carcinoid heart disease: diagnosis of two-dimensional echocardiography (ab), Howard RJ; Drobac M; Rider WD; et al, **148:** 344, 1983

echocardiographic features of carcinoid heart disease (ab), Callahan JA; Wroblewski EM; Reeder GS; et al, **148:** 344, 1983

Carotid arteries

See also Cerebral angiography; Cerebral blood vessels

Carotid arteries, abnormalities

use of cavernous sinography to detect aneurysms or anomalies of the infracarotid carotid artery (ab), Teasdale G; Macpherson P, **148:** 598, 1983

Carotid arteries, aneurysm

See Aneurysm, carotid

Carotid arteries, angiography

digital subtraction angiography with intravenous injection: assessment of 1,000 carotid bifurcations, Wood GW; Lukin RR; Tomnick TA; et al, *(AJR)*, **140:** 855, 1983

high-resolution dynamic ultrasound imaging of the carotid bifurcation: a prospective evaluation (L), Johnson JM, **148:** 317, 1983

high-resolution dynamic ultrasound imaging of the carotid bifurcation: a prospective evaluation (L), Starrett RW, **148:** 317, 1983

high-resolution dynamic ultrasound imaging of the carotid bifurcation: a prospective evaluation: reply (L), James EM;

Earnest F IV; Forbes GS; Houser OW, **148:** 318, 1983

nasopharyngeal paraganglioma (ab), Schuller DE; Lucas JC, **148:** 341, 1983

paramedian hourglass epidermoid extending above and below the tentorium (ab), Albanese V; Tomassello F; Picozzi P; et al, **148:** 598, 1983

translumbar carotid arteriography, Maxwell SL Jr; Kwon OJ; Millar VG, **148:** 851, 1983

Carotid arteries, diseases

carotid plaque hemorrhage (ab), Lusby RJ; Ferrell LD; Ehrenfeld WK; et al, **148:** 329, 1983

complementary roles of a noninvasive test battery and DSA in evaluating carotid artery disease, Ackerman RH; D'Alton JG; Davis KR; et al, *(AJNR)*, **4:** 757, 1983

duplex sonography in the evaluation of carotid artery disease, Dreisbach JN; Seibert CE; Smazal SF; et al, *(AJNR)*, **4:** 678, 1983

non-invasive carotid screening (ab), Reeves BF; Reed DD; Ahlstrand RA, **148:** 890, 1983

ocular neovascularization with retinal vascular occlusion. II. occurrence in central and branch retinal artery occlusion (ab), Hayreh SS; Podhajsky P, **148:** 340, 1983

Carotid arteries, injuries

cervical internal carotid artery injuries due to blunt trauma, Batnitzyk S; Price HI; Holden RW; et al, *(AJNR)*, **4:** 292, 1983

Carotid arteries, stenosis

carotid plaque hemorrhage (ab), Lusby RJ; Ferrell LD; Ehrenfeld WK; et al, **148:** 329, 1983

cervical internal carotid artery injuries due to blunt trauma, Batnitzyk S; Price HI; Holden RW; et al, *(AJNR)*, **4:** 292, 1983

choroidal ischemia (ab), Gaudrie A; Coscas G; Bird AC, **148:** 340, 1983

limitations of noninvasive testing in assessing the "occluded" carotid artery, O'Leary DH; Gibbons GW; Pinel DF, *(AJNR)*, **4:** 759, 1983

non-invasive carotid screening (ab), Reeves BF; Reed DD; Ahlstrand RA, **148:** 890, 1983

occluded but nonthrombosed internal carotid artery: an indication for endarterectomy, Ahn HS; Rosenbaum AE; Allen GS; et al, *(AJNR)*, **4:** 286, 1983

ocular neovascularization with retinal vascular occlusion. II. occurrence in central and branch retinal artery occlusion (ab), Hayreh SS; Podhajsky P, **148:** 340, 1983

Cartilage

pseudomas lesions due to occult trauma of the larynx (ab), Hanson DG; Mancuso AA; Hanafe WM, **148:** 886, 1983

Cataracts

axial echometry of the eye: results and clinical application (ab), Gernet H, **148:** 890, 1983

Catheters and catheterization

brachiocephalic vessel: selective and superselective catheterization, Berenstein A, **148:** 437, 1983

Catheters and catheterization, complications

amnesia after femorocerebral angiography, Pexman JHW; Coates RK, *(AJNR)*, **4:** 979, 1983

transluminal angioplasty in postsurgical stenosis of the extracranial carotid artery, Tievsky AL; Druy EM; Mardiat JG, *(AJNR)*, **4:** 800, 1983

transluminal angioplasty of stenotic carotid arteries: case reports and protocol, Wiggle U; Gratzl O, *(AJNR)*, **4:** 793, 1983

Catotid arteries, surgery

natural history of nonstenotic, asymptomatic ulcerative lesions of the carotid artery (ab), Dixon S; Pais O; Raviola C; et al, **148:** 329, 1983

noninvasive evaluation of extra-/intracranial anastomoses by dynamic CT and Doppler sonography, Mehndorn HM; Spira G; Jamjoom ZA; et al, *(AJNR)*, **4:** 857, 1983

occluded but nonthrombosed internal carotid artery: an indication for endarterectomy, Ahn HS; Rosenbaum AE; Allen GS; et al, *(AJNR)*, **4:** 286, 1983

postoperative carotid restenosis due to neointimal fibromuscular hyperplasia: clinical, angiographic, and pathological findings, Palmaz JC; Hunter G; Carson SN; French SW, **148:** 699, 1983

transluminal angioplasty in postsurgical stenosis of the extracranial carotid artery, Tievsky AL; Druy EM; Mardiat JG, *(AJNR)*, **4:** 800, 1983

Catotid arteries, transluminal angioplasty

percutaneous transluminal angioplasty in arteriosclerotic internal carotid artery stenosis, Bockenheimer SAM; Mathias K, *(AJNR)*, **4:** 791, 1983

percutaneous transluminal angioplasty of the external carotid artery, Vittek JJ, *(AJNR)*, **4:** 796, 1983

transluminal angioplasty in postsurgical stenosis of the extracranial carotid artery, Tievsky AL; Druy EM; Mardiat JG, *(AJNR)*, **4:** 800, 1983

transluminal angioplasty of stenotic carotid arteries: case reports and protocol, Wiggle U; Gratzl O, *(AJNR)*, **4:** 793, 1983

Catotid arteries, ulceration

carotid plaque hemorrhage (ab), Lusby RJ; Ferrell LD; Ehrenfeld WK; et al, **148:** 329, 1983

natural history of nonstenotic, asymptomatic ulcerative lesions of the carotid artery (ab), Dixon S; Pais O; Raviola C; et al, **148:** 329, 1983

Catotid arteries, ultrasound studies

common carotid artery contours reconstructed in three dimensions from parallel ultrasonic images, Blankenhorn DH; Chin HP; Strikwerda S; Bamberger J; Hestenes JD, **148:** 533, 1983

duplex sonography in the evaluation of carotid artery disease, Dreisbach JN; Seibert CE; Smazal SF; et al, *(AJNR)*, **4:** 678, 1983

high-resolution dynamic ultrasound imaging of the carotid bifurcation: a prospective evaluation (L), Johnson JM, **148:** 317, 1983

high-resolution dynamic ultrasound imaging of the carotid bifurcation: a prospective evaluation (L), Starrett RW, **148:** 317, 1983

high-resolution dynamic ultrasound imaging of the carotid bifurcation: a prospective evaluation: reply (L), James EM; Earnest F IV; Forbes GS; Houser OW, **148:** 318, 1983

non-invasive carotid screening (ab), Reeves BF; Reed DD; Ahlstrand RA, **148:** 890, 1983

ocular neovascularization with retinal vascular occlusion. II. occurrence in central and branch retinal artery occlusion (ab), Hayreh SS; Podhajsky P, **148:** 340, 1983

Radiology • 925

Catheters and catheterization, complications

- balloon-catheter dilatation of strictures in the upper digestive tract (ab), Gotberg S; Afzelius L-E; Hambræus G; et al, **148**: 333, 1983
- chylothorax secondary to superior vena caval obstruction (ab), Seibert JJ; Colladay ES; Keller C, **148**: 334, 1983
- clavicular periostitis: an unusual complication of percutaneous subclavian venous catheterization, Friedman AP; Velcek FT; Haller JO; Nagar H, **148**: 692, 1983
- percutaneous unknitting of intravascular catheters and retrieval of catheter fragments, Cho S-R; Tisnado J; Beachley MC; et al, **(AJR)**, **141**: 397, 1983
- Catheters and catheterization, technology**
- antennal treatment of hydrocephalus by ventriculoamniotic shunting (ab), Frigoletto FD Jr; Birnholz JC; Greene MF, **148**: 348, 1983
- balloon-catheter dilatation of strictures in the upper digestive tract (ab), Gotberg S; Afzelius L-E; Hambræus G; et al, **148**: 333, 1983
- catheter angiography through prosthetic vascular grafts using a Teflon sheath, Schatzki SC, **148**: 565, 1983
- cebrovascular occlusion by catheterization and embolization: clinical experience, Negoro M; Kageyama N; Ishiguchi T, **(AJNR)**, **4**: 362, 1983
- detachable stainless-steel spider: a new device for vessel occlusion, Lund G; Cragg AH; Rysavy JA; Castaneda F; Castaneda-Zuniga WR; Amplatz K, **148**: 567, 1983
- giant extramedullary arteriovenous fistula supplied by the anterior spinal artery: treatment by detachable balloons, Riche MC; Scialfa G; Gueguen B; et al, **(AJNR)**, **4**: 391, 1983
- new coaxial exchange guide wire with a variable-length tip, Hawkins IF Jr; Hawkins MC, **148**: 303, 1983
- percutaneous nephrostomy in utero (ab), Vallancien G; Dumez Y; Aubry MC; et al, **148**: 592, 1983
- percutaneous transluminal coronary angioplasty: analysis of unsuccessful procedures as a guide toward improved results (ab), Bainbridge DS, **148**: 332, 1983
- percutaneous transluminal coronary artery recanalization in evolving myocardial infarction (ab), Rentrop P; Blanke H, **148**: 332, 1983
- preserving access during percutaneous catheterization using a double-guide-wire technique, Dawson S; Papanicolaou N; Mueller PR; et al, **(AJR)**, **141**: 407, 1983
- results of treatment of arteriovenous fistulas with the Debrun technique, Kendall B, **(AJR)**, **4**: 405, 1983
- shape your guide wire, Heeney D, **(AJR)**, **141**: 405, 1983
- simplified chain cystourethrography (L), Subramanian AB, **148**: 317, 1983
- simplified chain cystourethrography: reply (L), Rubines SE; Pollack HM; Banner MP, **148**: 317, 1983
- superselective injection of BCNU through a latex calibrated-leak balloon, Debrun GM; Davis KR; Hochberg FH, **(AJNR)**, **4**: 399, 1983
- technical improvement in trans-catheter embolization with 1-isobutyl-2-cyanoacrylate (ab), Nakano H; Senoo H, **148**: 879, 1983
- translumbar carotid arteriography, Maxwell SL Jr; Kwon OJ; Millan VG, **148**: 851, 1983
- treatment of traumatic carotid-cavernous fistula using detachable balloon catheters, Debrun GM, **(AJR)**, **4**: 355, 1983
- treatment of vascular lesions with balloon catheters, Scialfa G; Valsecchi F; Scotti G, **(AJR)**, **4**: 395, 1983
- use of Mauermer stone punch via percutaneous nephrostomy (ab), Smith AD; Clayman RV; Castaneda-Zuniga WR, **148**: 591, 1983
- vascular catheterization using a rigid guide, Dotter CT, **148**: 305, 1983
- Cavernous sinus**
- computed orbital phlebography of the cavernous sinuses, Ericson K; Bergstrand G, **(AJR)**, **4**: 745, 1983
- use of cavernous sinography to detect aneurysms or anomalies of the infratentorial carotid artery (ab), Teasdale G; Macpherson P, **148**: 598, 1983
- Cerebral angiography**
- See also Brain; Brain neoplasms; Cerebral blood vessels
- angiographie cerebrale (bk rev), Dietemann JL; Mediek L, Reviewed by Griffiths HJ, **148**: 442, 1983
- chondroid chordoma (ab), Clark WC; Robertson JH; Lara R, **148**: 884, 1983
- intracranial cavernous hemangiomas: neuroradiologic review of 36 operated cases, Savoardo M; Strada L; Passerini A, **(AJNR)**, **4**: 945, 1983
- primary cerebral venous thrombosis in patients with cancer—a rarely diagnosed paraneoplastic syndrome (ab), Hickney WF; Garnick MB; Henderson IC; et al, **148**: 339, 1983
- radionuclide cerebral imaging confirming brain death (ab), Schwartz JA; Baxter J; Brill D; et al, **148**: 884, 1983
- Cerebral angiography, complications**
- amnesia after femorocerebral angiography, Paxman JHW; Coates RK, **(AJNR)**, **4**: 979, 1983
- Cerebral angiography, contrast media**
- comparative double-blind investigation of meglumine metrizoate, metrizamide, and iohexol in carotid angiography, Hindmarsh T; Bergstrand G; Ericson K; et al, **(AJR)**, **4**: 347, 1983
- comparative trial of sodium meglumine ioxyglutel (Hexabrix) and iopamidol (Niopam) for cerebral angiography (ab), Molyneux AJ; Sheldon PWE; Yates DA, **148**: 596, 1983
- neuroangiography with iohexol, Bryan RN; Miller SL; Roehm JOF Jr; et al, **(AJR)**, **4**: 344, 1983
- randomized double-blind cross-over study of iohexol and Amipaque in cerebral angiography, Amundsen P; Dugstad G; Presthus J; et al, **(AJR)**, **4**: 342, 1983
- Cerebral angiography, technology**
- rotational cerebral angiography: procedure and value, Thron A; Voigt K, **(AJR)**, **4**: 289, 1983
- Cerebral blood vessels**
- dynamic CT in patients with superficial temporal-middle cerebral artery anastomosis, Takahashi N; Kikuchi H; Karasawa J, **(AJR)**, **4**: 454, 1983
- praxis der Doppler-sonographie, peripherie arterien und venen, hirversorgende arterien (bk rev), Kriessmann A; Bollinger A; Keller H, Reviewed by Oestreich AE, **148**: 528, 1983
- Cerebral blood vessels, abnormalities**
- cerebral dysplastic vascular malformation: a developmental arrest, Wortzman G; Sima AAF; Morley TP, **148**: 443, 1983
- Cerebral blood vessels, angiography**
- See Cerebral angiography
- Cerebral blood vessels, dilation**
- computed tomographic findings in cerebral arterial ectasia, Goldstein SJ; Sacks JG; Lee C; et al, **(AJR)**, **4**: 501, 1983
- Cerebral blood vessels, flow dynamics**
- anatomic applications of xenon-enhanced CT scanning: visual image analysis and brain-blood partition coefficient studies in man, Drayer BP; Friedman A; Osborne D; et al, **(AJR)**, **4**: 577, 1983
- carotid blood flow response to Conray-60: diagnostic implications, Dublin AB; McGahan JP; Lante BMT; et al, **(AJR)**, **4**: 274, 1983
- evaluation of cerebral hemispheric contrast transit with intravenous digital subtraction angiography, Seeger JF; Carmody RF; Smith JRL; et al, **(AJR)**, **4**: 333, 1983
- in vivo quantitation of regional cerebral blood flow in glioma and cerebral infarction: validation of the HIPID-M-SPECT method, Drayer B; Jaszcak R; Friedman A; et al, **(AJR)**, **4**: 572, 1983
- monitoring of regional cerebral blood flow by single photon emission tomography of ^{123}I -N-isopropyl-iodoamphetamine in epileptics (ab), Magistretti PL; Uren RF; Parker JA; et al, **148**: 884, 1983
- radionuclide cerebral imaging confirming brain death (ab), Schwartz JA; Baxter J; Brill D; et al, **148**: 884, 1983
- single-photon tomographic determination of regional cerebral blood flow in epilepsy, Bonte FJ; Devous MD Sr; Stokely EM; et al, **(AJR)**, **4**: 544, 1983
- use of ^{123}I -iodoamphetamine and single-photon emission computed tomography to assess local cerebral blood flow, O'Leary DH; Hill TC; Lee RGL; et al, **(AJNR)**, **4**: 547, 1983
- Cerebral blood vessels, stenosis**
- CT diagnosis of basilar artery occlusion, Vonofakos D; Marcus H; Hacker H, **(AJNR)**, **4**: 525, 1983
- local intraarterial thrombolysis in vertebrobasilar thromboembolic disease, Zeumer H; Hacke W; Ringelstein EB, **(AJNR)**, **4**: 401, 1983
- Cerebral blood vessels, therapeutic blockade**
- cebrovascular occlusion by catheterization and embolization: clinical experience, Negoro M; Kageyama N; Ishiguchi T, **(AJNR)**, **4**: 362, 1983
- dominant-hemisphere arteriovenous malformations: therapeutic embolization with isobutyl-2-cyanoacrylate, Vinuela FV; Debrun GM; Fox AJ; et al, **(AJNR)**, **4**: 959, 1983
- Cerebral blood vessels, thrombosis**
- See Thrombosis, cerebral
- Cerebral infarction**
- See Brain, infarction
- Cerebral palsy**
- computed tomography in spastic cerebral palsy (ab), Pedersen H; Taudorf K; Melchior JC, **148**: 879, 1983
- Cerebrospinal fluid**
- CT assessment of CSF spaces in the brain in demented and nondemented patients over 60 years of age, Kohlmeyer K; Shamera AR, **(AJNR)**, **4**: 706, 1983
- Cerebrospinal fluid, flow dynamics**
- cebrospinal fluid circulation: evaluation by single-photon and positron emission tomography, Bergstrand G; Larson S; Bergstrom M; et al, **(AJR)**, **4**: 557, 1983
- Cerebrospinal fluid, leakage**
- brain scintigraphy in the diagnosis of the sequelae of head trauma, Silberstein EB, **(SNM)**, **13**: 153, 1983
- cebrospinal fluid edema: a rare complication of shunt operations for hydrocephalus (ab), Chiba Y; Takagi H; Nakajima F; et al, **148**: 883, 1983
- complementary roles of radionuclide and computed tomographic imaging in evaluating trauma, Berg BC, **(SNM)**, **13**: 86, 1983
- detection and quantitation of intermittent CSF rhinorrhea during prolonged cisternography with ^{111}In -DTPA, Glabrecht D; Haubrich J; Cordoni-Voutsas M, **(AJR)**, **4**: 560, 1983
- Cervix**
- See Uterus; Uterine neoplasms
- Chemotherapy**
- acute nonlymphocytic leukemia in a patient treated for brain tumor (ab), Hildebrand J; Malarkey M; Flament-Durand J; et al, **148**: 337, 1983
- bilateral Wilms' tumor (ab), Vats TS; Seeman J, **148**: 881, 1983
- electron microscopic autoradiography of the trachea in fetal Syrian golden hamsters treated transplacentally with N-nitrosodiethylamine (ab), Reznik-Schull J, **148**: 352, 1983
- factors affecting relapse following chemotherapy for Hodgkin's disease (ab), Yarnold JR; Jelliffe AM; Hudson GV, **148**: 332, 1983
- management of glioblastoma multiforme by irradiation and chemotherapy (ab), Shehata WM; Meyer RL; Jazy FK; et al, **148**: 894, 1983
- primary gastric lymphoma (ab), Dworkin B; Lightdale CJ; Weingrad DN; et al, **148**: 351, 1983
- radiation therapy of non-Hodgkin's lymphoma stages I and II (ab), Hagberg H; Glimelius B; Sundstrom C, **148**: 895, 1983
- solitary pulmonary metastases in high-risk melanoma patients: a prospective comparison of conventional and computed tomography, Heaston DK; Putman CE; Rodan BA; et al, **(AJR)**, **141**: 169, 1983
- Chemotherapy, complications**
- central nervous system changes after radiation therapy and/or chemotherapy: correlation of CT and autopsy findings, Wang A-M; Sklias DD; Rumbaugh CL; et al, **(AJNR)**, **4**: 466, 1983
- intracarotid chemotherapy of glioblastoma after induced blood-brain barrier disruption, Bonstelle CT; Kori SH; Rekate H, **(AJNR)**, **4**: 810, 1983

- overwhelming post-splenectomy infection in Hodgkin's disease: pathogenesis and prevention (ab), Shimm DS; Linggood RM; Weitzman SA, **148**: 878, 1983
- superselective injection of BCNU through a latex calibrated-leak balloon, Debrun GM; Davis KR; Hochberg FH, (AJNR), **4**: 399, 1983
- Chest**
See Thorax
- Children**
See also Infants; Infants, newborn; Infants, premature; under names of procedures
- Children, cardiovascular system**
cardiac imaging in infants and children (bk rev), Kelley MJ; Jaffe CC; Kleinman CS, Reviewed by Hernandez R, **148**: 416, 1983
- echocardiography reveals a high incidence of bicuspid aortic valve in Turner syndrome (ab), Miller MJ; Geffner ME; Lippe BM; et al, **148**: 881, 1983
- percutaneous transluminal dilatation for renal artery stenosis in a 22-month-old hypertensive girl, Stanley P; Senac MO; Bakody P; et al, **140**: 983, 1983
- space-occupying lesions of the myocardium: role of two-dimensional echocardiography in detection of cardiac tumors in children (ab), Duncan WJ; Rowe RD; Freedman RM; et al, **148**: 594, 1983
- two-dimensional echocardiographic assessment of dextrocardia: a segmental approach (ab), Huhta JC; Hagler DJ; Seward JB; et al, **148**: 593, 1983
- Children, central nervous system**
adverse reactions to myelography with metrizamide in infants, children, and adolescents. I. general and CNS effects (ab), Pettersson H; Fitz CR; Harwood-Nash DCF; et al, **148**: 880, 1983
- adverse reactions to myelography with metrizamide in infants, children, and adolescents. II. local injury caused by lumbar puncture and injection of contrast medium (ab), Pettersson H; Fitz CR; Harwood-Nash DCF; et al, **148**: 880, 1983
- cerebral venous sinus thrombosis: report of a case and review of the literature (ab), Jamai WK; Everhart FR Jr; Sanders JM Jr, **148**: 885, 1983
- computed tomography in spastic cerebral palsy (ab), Pedersen H; Taudorf K; Melchior JC, **148**: 879, 1983
- cranial computed tomography in disorders of complex carbohydrate metabolism and related storage disease, Ludwig B; Kishikawa T; Wende S; et al, (AJNR), **4**: 431, 1983
- CT parenchymal abnormalities in bacterial meningitis: clinical significance (ab), Packer RJ; Bilaniuk LT; Zimmerman RA, **148**: 593, 1983
- intraoperative neurosurgical ultrasound: localization of brain tumors in infants and children, Shkolnik A; Tomita T; Raimondi AJ; Hahn YS; McLone DG, **148**: 525, 1983
- relative width of the lower spinal canal in children (ab), Marklund T, **148**: 880, 1983
- scrotal migration of ventriculoperitoneal shunts, Crofford MJ; Balsam D, (AJR), **141**: 369, 1983
- sonographic evaluation of caudal spine anomalies in children, Naidich TP; McLone DG; Shkolnik A; et al, (AJNR), **4**: 661, 1983
- Children, digestive system**
cholelithiasis in childhood and adolescence (ab), Pollak R; Reyes HM; Pringles KC, **148**: 594, 1983
- comparative imaging in the evaluation of hepatic abscesses in immunocompromised children (ab), Sty JR; Starshak RJ, **148**: 881, 1983
- cross-sectional shape of the child's trachea by computed tomography, Griscom NT, (AJR), **140**: 1103, 1983
- gastric emptying in children: unusual patterns detected by scintigraphy, Seibert JJ; Byrne WJ; Euler AR, (AJR), **141**: 49, 1983
- gastroesophageal reflux in children: results of a standardized fluoroscopic approach, Cleveland RH; Kushner DC; Schwartz AN, (AJR), **141**: 53, 1983
- gastroesophageal scintiscanning in children (ab), Piepz A; Georges B; Rodesch P; et al, **148**: 335, 1983
- partial splenic embolization in the management of hypersplenism secondary to Gaucher disease (ab), Thanopoulos BD; Frimas CA, **148**: 335, 1983
- sonography in the diagnosis and management of hepatic amebic abscess in children (ab), Ralls PW; Mikity VG; Colletti P; et al, **148**: 193
- sonography of thickened gallbladder wall: causes in children, Patriquin HB; DiPietro M; Barber FE; et al, (AJR), **141**: 57, 1983
- Children, genitourinary system**
bilateral Wilms' tumor (ab), Vats TS; Seeman J, **148**: 881, 1983
- giant renal artery aneurysm in a child (ab), Nomura Y; Mitzoguchi H; Sakamoto S; et al, **148**: 882, 1983
- hypertension and urino-thorax following an attempted percutaneous nephrostomy (ab), Redman JE; Arnold WC; Smith PL; et al, **148**: 881, 1983
- interlabial masses in little girls: review and imaging recommendations, Nussbaum AR; Lebowitz RL, (AJR), **141**: 65, 1983
- one-film urogram in urinary tract infection in children, Leonidas JC; Schwartz R; Schwartz AM; et al, (AJR), **141**: 61, 1983
- pneumonitis . intestinalis in a pediatric renal transplant patient (ab), Wall LL; Linshaw MA; Balie MD; et al, **148**: 335, 1983
- posterior urethral valves, unilateral reflux and renal dysplasia: a syndrome (ab), Hoover DL; Duckett JW Jr, **148**: 336, 1983
- renal biopsies under ultrasound guidance: 100 consecutive biopsies in children (ab), Chan JCM; Brewer WH; Still WJ, **148**: 882, 1983
- selective embolization of a stenotic intrarenal artery for control of hypertension (ab), Warren WC; Warshaw BL; Hymes LC; et al, **148**: 336, 1983
- ultrasonic diagnosis of primary hyperoxaluria in infancy (L), Rosenfield AT, **148**: 578, 1983
- ultrasonic diagnosis of primary hyperoxaluria in infancy: reply (L), Brennan JN; Diwan RV, **148**: 578, 1983
- Wilms' tumor: diagnostic therapeutic implications (ab), Mulheren CB Jr; Arger PH; Coleman BG; et al, **148**: 594, 1983
- Children, injuries**
abused child: criteria for the radiologic diagnosis, Radkowski MA; Merten DF; Leonidas JC, (RG), **3**: 262, 1983
- radionuclide evaluation in childhood injuries, Sty JR; Starshak RJ; Hubbard AM, (SNM), **13**: 258, 1983
- should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? (L), Diamant MJ, **148**: 573, 1983
- should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? reply (L), Sty JR; Starshak RJ, **148**: 573, 1983
- should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? reply (L), Merten DF; Radkowski MA; Leonidas JC, **148**: 574, 1983
- should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? comment (L), Conway JJ, **148**: 574, 1983
- should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? second reply (L), Merten DF; Radkowski MA; Leonidas JC, **148**: 575, 1983
- should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? comment (L), Berdon WE, **148**: 576, 1983
- skeletal injury in the child (bk rev), Ogden JA, Reviewed by Wood BP, **148**: 124, 1983
- Children, lymphatic system**
infectious mononucleosis associated with an anterior mediastinal mass (ab), Martinez RO; Coll de Tuero G; Brotad FM; et al, **148**: 593, 1983
- Children, neoplasms**
See Neoplasms, in infants and children
- Children, radiography**
See Radiography, in infants and children
- Children, respiratory system**
agenesis of the diaphragm (ab), Hatzitheofiliou C; Conlan AA; Nicolaou N, **148**: 594, 1983
- malignant histiocytosis presenting as interstitial pulmonary disease (ab), Stempel DA; Volberg FM; Parker BR; et al, **148**: 334, 1983
- vascular ring: unusual cause of unilateral obstructive pulmonary hyperinflation, Pirtle T; Clarke E, (AJR), **140**: 1111, 1983
- Children, skeletal system**
association of septic thrombophlebitis with subperiosteal abscesses in children (ab), Jupiter JB; Ehrlich MG; Novelline RA; et al, **148**: 336, 1983
- Blount disease (tibia vara): another skeletal disorder associated with childhood obesity (ab), Dietz WH Jr; Gross WL; Kirkpatrick JA Jr, **148**: 336, 1983
- bone scintigraphy of hip joint effusions in children, Klieber R; Pavlosky W; Portnoy O; et al, (AJR), **140**: 995, 1983
- congenital cavus foot (ab), Wesely MS; Barenfeld PA; Shea JM; et al, **148**: 595, 1983
- cubitus varus deformity following supracondylar fractures of the humerus in children (ab), Labelle H; Bunnell WP; Duhaime M; et al, **148**: 595, 1983
- early roentgenographic evaluation of bowlegged children (ab), O'Neal DA; MacEwen JD, **148**: 595, 1983
- longitudinally bracketed diaphyses in young children (ab), Theander G; Carstam N; Rausing A, **148**: 883, 1983
- maladies osseuses de l'enfant (bk rev), Maroteaux P, Reviewed by Kaufmann HJ, **148**: 436, 1983
- osteomalacia due to aluminum toxicity (ab), Cournot-Witmer G; Gagnadoux MF; Lebon P; et al, **148**: 882, 1983
- oto-onyo-peroneal syndrome: a probably new genetic entity (ab), Pfeiffer RA, **148**: 336, 1983
- painful sequelae of coxa plana (ab), Clarke NMP; Harrison MHM, **148**: 878, 1983
- pseudospread of the atlas: false sign of Jefferson fracture in young children, Suss RA; Zimmerman RD; Leeds NE, (AJR), **140**: 1079, 1983
- radiological study of two disseminated malignant non-Hodgkin lymphomas affecting only the bones in children (ab), Vanek D; Bayle C; Hartmann O; et al, **148**: 883, 1983
- reduction of radiation exposure during radiography for scoliosis (ab), Gray JE; Hoffman AD; Peterson HA, **148**: 877, 1983
- role of imaging modalities in diagnosis and management of pyomyositis (ab), Yousefzadeh DK; Schumann EM; Mulligan GM; et al, **148**: 882, 1983
- skeletal injury in the child (bk rev), Ogden JA, Reviewed by Wood BP, **148**: 124, 1983
- skeletal metastases: the effect on the immature skeleton (ab), Ogden JA; Ogden DA, **148**: 882, 1983
- ultrasound imaging in the diagnosis of muscle disease (ab), Heckmatt JZ; Leeman S; Dubowitz V, **148**: 336, 1983
- Cholangiography**
See Bile duct radiography
- Cholangitis**
cholecystitis in an intrahepatic gallbladder (ab), Schmahmann JD; Dent DM; Mervis B; et al, **148**: 600, 1983
- Cholecystitis**
acute calculous cholecystitis with patent cystic duct, Massie JD; Moinuddin M; Phillips JC, (AJR), **141**: 39, 1983
- cholecystitis in an intrahepatic gallbladder (ab), Schmahmann JD; Dent DM; Mervis B; et al, **148**: 600, 1983
- cholelithiasis in childhood and adolescence (ab), Pollak R; Reyes HM; Pringles KC, **148**: 594, 1983
- gangrenous cholecystitis: diagnosis by ultrasound, Jeffrey RB; Laing FC; Wong W; Callen PW, **148**: 219, 1983
- sonography and computed tomography of hemorrhagic cholecystitis, Jenkins M; Golding RH; Cooperberg PL, (AJR), **140**: 1197, 1983

Cholecystosonography

- Cholecystosonography**
See Gallbladder, ultrasound studies
- Cholelithiasis**
See Gallbladder, calculi
- Cholescintigraphy**
See Gallbladder, radionuclide studies
- Cholesteatoma**
cholesteatomas of the temporal bone: role of computed tomography, Johnson DW; Voorhees RL; Lufkin RB; Hanafee W; Canalis R, **148**: 733, 1983
- Cholesterol**
case of the summer season: encysted hydrocele of the spermatic cord filled with cholesterol crystals, Cunningham JJ, (SU), **4**: 69, 1983
- Chondrocalcinosis**
medial femoral condyle necrosis and chondrocalcinosis—a causal relationship? (ab), Watt I; Dieppe PA, **148**: 878, 1983
- Chondroma**
voluminous intracranial chondroma (ab), Campora SA; Troisi F; Fusco G; et al, **148**: 338, 1983
- Chondrosarcoma**
See Sarcoma
- Chordoma**
chondroid chordoma (ab), Clark WC; Robertson JH; Lara R, **148**: 884, 1983
- unusual presentation of cervical chordoma with long-term survival (ab), Shallat RF; Taekman MS; Nagle RC, **148**: 596, 1983
- Choroid**
See Eye
- Choroid plexus**
anatomical bases for the ultrasound diagnosis of cerebroventricular hemorrhage and its sequelae (ab), de Crespigny LC; Robinson HP, **148**: 889, 1983
- Choroid plexus, hemorrhage**
intraventricular hemorrhage in the full-term neonate (ab), Scher MS; Wright FS; Lockman LA; et al, **148**: 593, 1983
- Choroid plexus, neoplasms**
choroidal osteoma, Bryan RN; Lewis RA; Miller SL, (AJNR), **4**: 491, 1983
- Chromosomes, abnormalities**
cerebral CT findings in methylmalonic and propionic acidemias, Gebarski SS; Gabrielsen TO; Knake JE; et al, (AJNR), **4**: 955, 1983
- echocardiography reveals a high incidence of bicuspid aortic valve in Turner syndrome (ab), Miller MJ; Geffner ME; Lippe BM; et al, **148**: 881, 1983
- prenatal ultrasound diagnosis of hypoplastic left heart syndrome in utero associated with hydronephrosis (ab), Sahn DJ; Shenkler L; Reed KL; et al, **148**: 604, 1983
- Chyllothorax**
chyllothorax secondary to superior vena caval obstruction (ab), Seibert JJ; Colladay ES; Keller C, **148**: 334, 1983
- Cirrhosis**
See Liver, cirrhosis
- Cisternography**
air CT cisternography of anterior inferior cerebellar artery loop simulating an intracranial acoustic neuroma, Khangure MS; Mojtabaei S, (AJNR), **4**: 994, 1983
- false-positive CT gas cisternogram, Robertson HJ; Hatten HP Jr; Keating JW, (AJNR), **4**: 474, 1983
- iohexalide: a new nonionic contrast medium for myelography and cisternography with reduced neurotoxicity, Gonsette RE; Liesenborghs L, (AJNR), **4**: 304, 1983
- Cisternography, radionuclide**
brain scintigraphy in the diagnosis of the sequelae of head trauma, Silberstein EB, (SNM), **13**: 153, 1983
- coarctation of the frontal horns with acute distension of the trigones (ab), Zenobii M; Lucantonio D; Galzio R; et al, **148**: 883, 1983
- detection and quantitation of intermittent CSF rhinorrhea during prolonged cisternography with ¹¹¹In-DTPA, Glaubitt D; Häubrich J; Cordoni-Voutsas M, (AJNR), **4**: 560, 1983
- unilateral ventricular reflux and asymmetric ventricular distribution of intrathecally introduced contrast medium or tracer, Deisenhammer E; Hammer B, (AJNR), **4**: 564, 1983
- Clavicle**
condensing osteitis of the clavicle, Cono RO; Resnick D; Goergen TG; et al, (AJR), **141**: 387, 1983

- Cobalt, radioactive**
results of high-energy electron therapy in carcinoma of the oesophagus compared with telecobalt therapy (ab), Yin W-b; Zhang L; Miao Y; et al, **148**: 894, 1983
- Colitis**
age at onset of necrotizing enterocolitis (ab), Wilson R; Kanto WP Jr; McCarthy BJ; et al, **148**: 881, 1983
- barium evaluation of anal canal in patients with inflammatory bowel disease, DuBrow RA; Frank PH, (AJR), **140**: 1151, 1983
- chylothorax secondary to superior vena caval obstruction (ab), Seibert JJ; Colladay ES; Keller C, **148**: 334, 1983
- hemorrhagic cytomegalovirus colitis in a patient with uremia (ab), Kumar R; Moretti LB; Jacobi K; et al, **148**: 875, 1983
- radiological manifestations of Strongyloides stercoralis (ab), Dallemand S; Waxman M; Farman J, **148**: 875, 1983
- Yersinia enterocolitica** colitis in infants: radiographic changes, Atkinson GO Jr; Gay BB Jr; Ball TI Jr; Caplan DB, **148**: 113, 1983
- Colitis, ischemic**
ischemic colitis demonstrated by computed tomography (ab), Jones B; Fishman EK; Siegelman SS, **148**: 600, 1983
- Colitis, ulcerative**
adenocarcinoma of an ileostomy site with skin invasion: a case report (ab), Baciewicz E; Sparberg M; Lawrence JB; et al, **148**: 875, 1983
- macroscopic lesions in dysplasia and carcinoma complicating ulcerative colitis (ab), Butt JH; Konishi F; Morson BC; et al, **148**: 876, 1983
- Collagen**
enhanced detection of the evolution of tissue changes after acute myocardial infarction using color-encoded two-dimensional echocardiography (ab), Parisi AF; Nieminen M; O'Boyle JE; et al, **148**: 344, 1983
- Colon**
See also Gastrointestinal tract; Intestines
- Colon, aganglionosis**
zonal colonic aganglionosis (ab), Haney PJ; Hill JL; Sun C-C, **148**: 335, 1983
- Colon, computed tomography**
ischemic colitis demonstrated by computed tomography (ab), Jones B; Fishman EK; Siegelman SS, **148**: 600, 1983
- Colon, dilatation**
Yersinia enterocolitica colitis in infants: radiographic changes, Atkinson GO Jr; Gay BB Jr; Ball TI Jr; Caplan DB, **148**: 113, 1983
- Colon, diseases**
tuberculosis of the distal colon (ab), Cohen C; Tobias R; Kottler RE, **148**: 590, 1983
- Colon, infection**
Yersinia enterocolitica colitis in infants: radiographic changes, Atkinson GO Jr; Gay BB Jr; Ball TI Jr; Caplan DB, **148**: 113, 1983
- Colon, inflammation**
See Colitis
- Colon, neoplasms**
barium enemas of carcinoma of the colon: sensitivity of double- and single-contrast studies, Johnson CD; Carlson HC; Taylor WF; et al, (AJR), **140**: 1143, 1983
- carcinoma of the colon: irradiation by delayed split whole-abdominal technique, Meek AG; Lam WC; Order SE, **148**: 845, 1983
- intrarterial P-32 chronic phosphate for prevention of postoperative liver metastases in high-risk colorectal cancer patients, Mantravadi RVP; Spigos DG; Karesh SM; Pavel DG; Grady EG; Capek V, **148**: 555, 1983
- macroscopic lesions in dysplasia and carcinoma complicating ulcerative colitis (ab), Butt JH; Konishi F; Morson BC; et al, **148**: 876, 1983
- radiation-induced cancers of the colon and rectum: assessing the risk (ab), Sandler RS; Sandler DP, **148**: 896, 1983
- radiation therapy of recurrences of carcinoma of the rectum and sigmoid after surgery (ab), Ciatti S; Pacini P, **148**: 351, 1983
- ureterosigmoidostomy: the development of tumors, diagnosis, and pitfalls, Princenthal RA; Lowman R; Zeman RK; et al, (AJR), **141**: 77, 1983
- verification of superficial biopsy sites by barium enema, Caroline DF; Creteur V; Kressel HY; et al, (AJR), **140**: 945, 1983
- Colon, polyps**
See Colon, neoplasms
- Colon, radiography**
accuracy of the plain abdominal radiograph in assessing colonic faecal contamination (ab), de Lacey G; Wilkins R; Cramer B; et al, **148**: 876, 1983
- "air enema" in acute colitis (ab), Bartram CI; Preston DM; Lennard-Jones JE, **148**: 875, 1983
- Colon, stenosis**
zonal colonic aganglionosis (ab), Haney PJ; Hill JL; Sun C-C, **148**: 335, 1983
- Colon, therapeutic radiology**
carcinoma of the colon: irradiation by delayed split whole-abdominal technique, Meek AG; Lam WC; Order SE, **148**: 845, 1983
- radiation therapy of recurrences of carcinoma of the rectum and sigmoid after surgery (ab), Ciatti S; Pacini P, **148**: 351, 1983
- Computed-tomographic guidance**
biopsy of the right adrenal gland by the transhepatic approach, Price RB; Bernardino ME; Berkman WA; Sones PJ Jr; Torres WE, **148**: 566, 1983
- percutaneous biopsy of difficult mediastinal, hilar, and pulmonary lesions by computed-tomographic guidance and a modified coaxial technique, van Sonnenberg E; Lin AS; Deutsch AL; Matthey RF, **148**: 300, 1983
- percutaneous needle biopsy of soft tissue tumors guided by ultrasound and computed tomography (ab), Zornoza J; Bernardino ME; Ordonez NG; et al, **148**: 892, 1983
- transcutaneous drainage of abscesses of the liver guided by computed tomography scan (ab), Sheinfeld AM; Steiner AE; Rivkin LB; et al, **148**: 342, 1983
- Computed tomography**
computed tomographic arteriography of the liver, Freeny PC; Marks WM, **148**: 193, 1983
- computed tomography in the evaluation of trauma (bk rev), Federle MP; Brant-Zawadzki M. Reviewed by Bohrer SP, **148**: 778, 1983
- CT appearance of the adolescent and preadolescent pituitary gland, Peyster RG; Hoover ED; Viscarelli RR; et al, (AJNR), **4**: 411, 1983
- CT-number variability in thoracic geometry, McCullough EC; Morin RL, (AJR), **141**: 135, 1983
- hermaphroditism demonstrated by computed tomography, Gale ME, (AJR), **141**: 99, 1983
- ischemic chiasma syndrome, Lee KF, (AJNR), **4**: 777, 1983
- Computed tomography, attenuation coefficients**
brain tumor CT attenuation coefficients: semiquantitative analysis of histograms, Ratzen M; Haubitz I, (AJNR), **4**: 505, 1983
- comparative study of thallium emission myocardial tomography with 180° and 360° data collection (ab), Tamaki N; Mukai T; Ishii Y; et al, **148**: 606, 1983
- comparison of 180° and 360° data collection in thallium-201 imaging using single-photon emission computerized tomography (SPECT): concise communication (ab), Coleman RE; Jaszcak RJ; Cobb FR, **148**: 606, 1983
- computed axial tomography scan demonstration of cerebral edema in eclampsia preceded by blindness (ab), Beeson JH; Duda EE, **148**: 337, 1983
- computed tomography: beam hardening and environmental density artifact, Young SW; Muller HH; Marshall WH, **148**: 279, 1983
- epidermoid tumor of the fourth ventricle: use of metrizamide—computed tomography (ab), Gellad F; Rao KCVG; Arora S; et al, **148**: 884, 1983
- hyperdense renal mass: unusual CT appearance of a benign renal cyst (ab), Curry NS; Brock G; Metcalf JS; et al, **148**: 600, 1983
- method for calculating linear attenuation coefficients for combinations of fat and muscle (L), Castronovo FP Jr, **148**: 865, 1983
- Computed tomography, beam hardening**
computed tomography: beam hardening and environmental density artifact, Young SW; Muller HH; Marshall WH, **148**: 279, 1983

Contrast media, comparative studies

Computed tomography, comparative studies

comparative imaging in the evaluation of hepatic abscesses in immunocompromised children (ab). Sty JR; Starshak RJ. **148**: 881, 1983

comparative study of angiography and dynamic computed tomography in liver angioma (ab). Baert AL; Marchal GJ; Wilms GE; et al. **148**: 599, 1983

comparison of CT localization radiography and high-kilovoltage chest radiography. Effmann EL; Ravin CE; Breiman RS; et al. **(AJR)**. **140**: 1115, 1983

comparison of CT and positron emission tomographic data in recent cerebral infarction. Baron JC; Delattre JY; Bories J; et al. **(AJNR)**. **4**: 536, 1983

complementary roles of radionuclide and computed tomographic imaging in evaluating trauma. Berg BC. **(SNM)**. **13**: 86, 1983

diagnosis of peritoneal mesothelioma: computed tomography, sonography, and fine-needle aspiration biopsy. Reuter K; Raptopoulos V; Reale F; et al. **(AJR)**. **140**: 1189, 1983

discrepancy between metrizamide CT and myelography in diagnosis of cervical disk protrusions. Nakagawa H; Okumura T; Sugiyama T; et al. **(AJNR)**. **4**: 604, 1983

multiplanar spinal anatomy: comparison of CT and cryomicrotomy in postmortem specimens. Bergstrom K; Nyberg G; Pech P; et al. **(AJNR)**. **4**: 590, 1983

myopathy and radiculopathy due to cervical spondylosis: myelographic-CT correlations. Scotti G; Scialfa G; Pieralli S; et al. **(AJNR)**. **4**: 601, 1983

NMR demonstration of cerebral abnormalities: comparison with CT. Brant-Zawadzki M; Davis PL; Crooks LE; et al. **(AJR)**. **140**: 847, 1983

NMR imaging of experimental brain abscess: comparison with CT. Brant-Zawadzki M; Enzmann DR; Placone RC Jr; et al. **(AJNR)**. **4**: 250, 1983

nuclear medicine in clinical practice: selective correlation with ultrasound and computed tomography (bk rev). Greenfield LD; Uszler JM, eds. Reviewed by Grossman Z. **148**: 538, 1983

role of computed tomography in the diagnosis of intracardiac thrombi (ab). Di Guglielmo L; Montemartini C; Vadala G; et al. **148**: 342, 1983

solitary pulmonary metastases in high-risk melanoma patients: a prospective comparison of conventional and computed tomography. Heaston DK; Putman CE; Rodin BA; et al. **(AJR)**. **141**: 169, 1983

Computed tomography, contrast enhancement

comparative study of angiography and dynamic computed tomography in liver angioma (ab). Baert AL; Marchal GJ; Wilms GE; et al. **148**: 599, 1983

comparison of blood-brain barrier disruption by intracarotid iopamidol and methylglucamine iothalamate. Sage MR; Wilcox J; Euvill CA; et al. **(AJNR)**. **4**: 893, 1983

comparison of side effects during cerebral computed tomography with a nonionic (iohexol) and an ionic (metrizoate) contrast medium. Skalpe IO; Hordvik M. **(AJNR)**. **4**: 326, 1983

computed tomography of the cervical lymph nodes: use of intravenous contrast enhancement. Silver AJ; Mawad ME; Hilal SK; et al. **(AJNR)**. **4**: 861, 1983

CT detection of hepatic metastases with Ethiodized Oil Emulsion 13 (ab). Lewis E; AufderHeide JF; Bernardino ME; et al. **148**: 599, 1983

CT: to enhance or not to enhance? a computer-aided study. du Boulay GH; Teather D; Wills K. **(AJNR)**. **4**: 421, 1983

glycolytic rate (PET) and contrast enhancement (CT) in human cerebral gliomas. Patronas NJ; Brooks RA; DeLaPaz RL; et al. **(AJNR)**. **4**: 533, 1983

recognition of cervical soft disk herniation by contrast-enhanced CT. Baleriaux D; Noterman J; Ticket L. **(AJNR)**. **4**: 607, 1983

Computed tomography, efficacy studies

See Efficacy study, computed tomography

Computed tomography, emission

See Emission computed tomography

Computed tomography, experimental

preliminary investigation of radiation dose reduction on an EMI CT5005 whole body scanner using a copper wedge (ab). Webb JAC; Cranley K; Bell TK. **148**: 896, 1983

washout curves from myocardial infarctions in dogs, studied by contrast-enhanced computed tomography (ab). Palmer RG; Masuda Y; Carlson E. **148**: 887, 1983

Computed tomography, image display

three-dimensional display of intracranial soft tissue structures. Vannier MW; Gado MH; Marsh JL. **(AJNR)**. **4**: 520, 1983

Computed tomography, metrizamide enhancement

epidermoid tumor of the fourth ventricle: use of metrizamide—computed tomography (ab). Gellad F; Rao KCVG; Arora S; et al. **148**: 884, 1983

Computed tomography, physics

preliminary investigation of radiation dose reduction on an EMI CT5005 whole body scanner using a copper wedge (ab). Webb JAC; Cranley K; Bell TK. **148**: 896, 1983

Computed tomography, radiation dose

preliminary investigation of radiation dose reduction on an EMI CT5005 whole body scanner using a copper wedge (ab). Webb JAC; Cranley K; Bell TK. **148**: 896, 1983

Computed tomography, technology

computed tomography of the normal sternum. Goodman LR; Teplick SK; Kay H. **(AJR)**. **141**: 219, 1983

delineation of unruptured cerebral aneurysms by computerized angiography (ab). Asari S; Satoh T; Sakurai M; et al. **148**: 339, 1983

direct intracranial sagittal and coronal CT scanning: anatomy and pathology. Bluumen RG. **(AJNR)**. **4**: 484, 1983

kidney pseudotumor diagnosed by emission computed tomography (ab). Williams ED; Parker C. **148**: 342, 1983

localization of parathyroid adenoma by computed tomography (ab). Oenvors C-O; Stark D; Moss A; et al. **148**: 601, 1983

parathyroid scanning by computed tomography. Stark DD; Moss AA;

Gooding GAW; Clark OH. **148**: 297, 1983

preliminary investigation of radiation dose reduction on an EMI CT5005 whole body scanner using a copper wedge (ab). Webb JAC; Cranley K; Bell TK. **148**: 896, 1983

role of computed tomography in the diagnosis of intracardiac thrombi (ab). Di Guglielmo L; Montemartini C; Vadala G; et al. **148**: 342, 1983

Computed tomography, tissue characterization

CT-number variability in thoracic geometry. McCullough EC; Morin RL. **(AJR)**. **141**: 135, 1983

Computed tomography, treatment planning

computed tomography in hemophilic pseudotumor (ab). Pettersson H; Ahlberg A. **148**: 601, 1983

computed tomography in the evaluation of 41 cases of Ewing's sarcoma (ab). Van El D; Contessa G; Couanet D; et al. **148**: 888, 1983

CT demonstration of postpneumonectomy tumor recurrence. Peters JC; Desai KK. **(AJR)**. **141**: 259, 1983

evaluation of the computed tomographic scanner for the staging of carcinomas of the cervix (ab). Brenner DE; Whitley NO; Prempree T; et al. **148**: 600, 1983

how important is breathing in radiation therapy of the thorax? (ab). Henkelman RM; Mah K. **148**: 606, 1983

Computers

See also Computed tomography

computer analysis of orbital fat and muscle volumes in Graves ophthalmopathy. Forbes G; Gorman CA; Gehring D; et al. **(AJNR)**. **4**: 737, 1983

computer reformations of the brain and skull base (bk rev). Unsold R; Ostertag CB; DeGroot J; Newton TH. Reviewed by Kidd DK. **148**: 706, 1983

CT: to enhance or not to enhance? a computer-aided study. du Boulay GH; Teather D; Wills K. **(AJNR)**. **4**: 421, 1983

use of a nuclear medicine computer as a multichannel pulse-height analyzer: design of an interface. Harris CC. **148**: 857, 1983

Conjoined twins

See Twins

Constipation

zonal colonic aganglionosis (ab). Haney PJ; Hill JL; Sun C-CJ. **148**: 335, 1983

Contraceptives and contraceptive devices

cerebral venous sinus thrombosis: report of a case and review of the literature (ab). Jamai WK; Everhart FE Jr; Sanders JM Jr. **148**: 885, 1983

pelvic actinomycosis. Maloney JJ; Cho S-R. **148**: 388, 1983

Contrast media

absorption after subarachnoid and subdural administration of iohexol, ⁵¹Cr-EDTA, and ¹²⁵I-albumin to rabbits. Holtz E; Michelet AA; Jacobsen T. **(AJNR)**. **4**: 338, 1983

clinical experience with iopamidol for myelography. Bockenheimer SAM; Hillesheimer W. **(AJNR)**. **4**: 314, 1983

clinical trial of iotrol for lumbar myelography. Skutta T; Vogelsang H; Galanski M; et al. **(AJNR)**. **4**: 302, 1983

comparative double-blind investigation of meglumine metrizoate, metrizamide, and iohexol in carotid angiography. Hindmarsh T; Bergstrand G; Ericson K; et al. **(AJNR)**. **4**: 347, 1983

iohexol in lumbar myelography: preliminary results from an open, noncomparative multicenter clinical study. Eldevik OP; Nakstad P; Kendall BE; et al. **(AJNR)**. **4**: 299, 1983

nonionic and dimeric ionic contrast agents (L). Coussen A. **148**: 318, 1983

nonionic and dimeric ionic contrast agents: reply (L). Cohen MD. **148**: 319, 1983

reduction of calcium activity by radiopaque contrast media. Morris TW; Sahler LG; Violante M; Fischer HW. **148**: 55, 1983

spermatic vein obliteration using hot contrast medium in dogs. Rholl KS; Rysavy JA; Vlodaver Z; Cragg AH; Castaneda-Zuniga WR; Amplatz K. **148**: 85, 1983

technical improvement in trans-catheter embolization with 1-isobutyl-2-cyanoacrylate (ab). Nakano H; Senoo H. **148**: 879, 1983

Contrast media, comparative studies

clinical comparison of metrizamide and iopamidol for myelography. Turski PA; Sackett JE; Gentry LR; et al. **(AJNR)**. **4**: 309, 1983

comparative trial of sodium meglumine ioxaglate (Hexabrix) and iopamidol (Niopam) for cerebral angiography (ab). Molyneux AJ; Sheldon PW; Yates DA. **148**: 596, 1983

comparison of Hexabrix and Renografin 60 in peripheral arteriography. Sacks BA; Ellison HP; Bartek S; et al. **(AJR)**. **140**: 975, 1983

comparison of radiographic quality and adverse reactions in myelography with iopamidol and metrizamide. Bannon KR; Braun IF; Pinto RS; et al. **(AJNR)**. **4**: 312, 1983

comparison of side effects during cerebral computed tomography with a nonionic (iohexol) and an ionic (metrizoate) contrast medium. Skalpe IO; Hordvik M. **(AJNR)**. **4**: 326, 1983

effect of contrast media on immature renal function: comparison of agents with high and low osmolality. Harvey LA; Caldicott WJH; Kuruc A. **148**: 429, 1983

experimental myocardial ischemia II: radiographic contrast media toxicity (ab).

Serur JR; Als AV; Paulin S. **148**: 328, 1983

iopamidol and meglumine diatrizoate: comparison of effects on patient discomfort during aortofemoral arteriography. Widrich WC; Beckman CF; Robbins AH; Scholz FJ; Srinivasan MK; Hayes EJ; Keilum CD; Newman T. **148**: 61, 1983

iopamidol urography (ab). Dalla Palma L; Rossi M; Stacul F; et al. **148**: 330, 1983

iopamidol vs. metrizamide myelography: clinical comparison of side effects.

Trevisan C; Malaguti C; Manfredini M; et al. **(AJNR)**. **4**: 306, 1983

pain and hemodynamic effects in aortofemoral angiography (ab). Nyman U; Nilsson P; Westergren A. **148**: 592, 1983

Contrast media, comparative studies

- quantitative *in vivo* comparison of six contrast agents by digital subtraction angiography (ab), Burbank FH; Brody WR; Hall A; et al, **148**: 592, 1983
- randomized double-blind cross-over study of iohexol and Amipaque in cerebral angiography, Amundsen P; Dugstad G; Presthus J; et al, **(AJNR)**, **4**: 342, 1983
- side effects and resorption of iopamidol and iocarmate in lumbar myelography (ab), Stoeter P; Bergleiter R; Schneider I; et al, **148**: 597, 1983
- survey of contrast media used in coronary angiography (ab), Weikl A; Hubmann M, **148**: 329, 1983
- Contrast media, complications**
- residual myelographic contrast material seen on the chest radiograph, Parks RE; Dublin AB, **148**: 617, 1983
- Contrast media, effects**
- autoradiographic method for quantitative evaluation of the blood-brain barrier effects of contrast media, Gregoire N; Nezri C; Gazendam J; et al, **(AJNR)**, **4**: 323, 1983
- cardiovascular effects of metrizamide in infants, DiSessa TG; Zednickova M; Hiraishi S; Jarmakanian JM; Higgins CB; Friedman WF, **148**: 687, 1983
- carotid blood flow response to Conray-60: diagnostic implications, Dublin AB; McCahan JP; Lantz BMT; et al, **(AJNR)**, **4**: 274, 1983
- comparative hemodynamic effect of metrizamide and Renografin 76 in infants with congenital heart disease, Baltaxe HA; Moorling P; Kugler J; et al, **(AJR)**, **140**: 1097, 1983
- comparison of brain-barrier disruption by intracarotid iopamidol and methylglucamine iothalamate, Sage MR; Wilcox J; Eviill CA; et al, **(AJNR)**, **4**: 893, 1983
- comparison of Hexabrix and Renografin 60 in peripheral arteriography, Sacks BA; Ellison HP; Bartek S; et al, **(AJR)**, **140**: 975, 1983
- comparison of radiographic quality and adverse reactions in myelography with iopamidol and metrizamide, Bannon KR; Braun IF; Pinto RS; et al, **(AJNR)**, **4**: 312, 1983
- CT detection of hepatic metastases with Ethiodized Oil Emulsion 13 (ab), Lewis E; AufderHeide JE; Bernardino ME; et al, **148**: 599, 1983
- effect of contrast media on immature renal function: comparison of agents with high and low osmolality, Harvey LA; Caldicott WJH; Kuruc A, **148**: 429, 1983
- elimination of metrizamide from the spinal subarachnoid space: a study of patients with abolished intracranial circulation, Eldevik OP, **(AJNR)**, **4**: 585, 1983
- fertility rate after hysterosalpingography with Sinografen, Cooper RA; Jabamoni R; Pieters CH, **(AJR)**, **141**: 105, 1983
- gastroduodenal response to low-dose glucagon, Feczkó PJ; Simms SM; Iorio J; et al, **(AJR)**, **140**: 935, 1983
- intravenous digital subtraction angiography with iohexol, Cacayorin ED; Bernstein AD; Fruehan CT; et al, **(AJNR)**, **4**: 329, 1983
- iogluclide: a new nonionic contrast medium for myelography and cisternography with reduced neurotoxicity, Consente RE; Liesenborghs L, **(AJNR)**, **4**: 304, 1983
- iopamidol and meglumine diatrizoate: comparison of effects on patient discomfort during aortofemoral arteriography, Widrich WC; Beckman CF; Robbins AH; Scholz JF; Srinivasan MK; Hayes EJ; Kellum CD; Newman T, **148**: 61, 1983
- iopamidol and metrizamide in cervical myelography: side effects, EEG, and CSF changes, Moschini L; Manara O; Bonaldi G; et al, **(AJNR)**, **4**: 848, 1983
- iopamidol vs. metrizamide myelography: clinical comparison of side effects, Trevisan C; Malaguti C; Manfredini M; et al, **(AJNR)**, **4**: 306, 1983
- iotrol, a new myelographic agent: 1. radiography, CT, CSF clearance, and brain penetration, Kerber CW; Sovak M; Ranganathan RS; et al, **(AJNR)**, **4**: 317, 1983
- iotrol, a new myelographic agent: 2. comparative electroencephalographic evaluation by spectrum analysis, Sovak M; Ranganathan R; Kerber CW; et al, **(AJNR)**, **4**: 319, 1983
- myelography with iopamidol, Lamb JT; Holland IM, **(AJNR)**, **4**: 851, 1983
- neuroangiography with iohexol, Bryan RN; Miller SL; Roehm JOF Jr; et al, **(AJNR)**, **4**: 344, 1983
- pharmacological profile of iopromide, Muetzel W; Speck U, **(AJNR)**, **4**: 350, 1983
- reduction of calcium activity by radiopaque contrast media, Morris TW; Sahler LG; Violante M; Fischer HW, **148**: 55, 1983
- renal ablation using hot contrast medium: an experimental study, Cragg AH; Rosel P; Rysavy JA; Rholl KS; Bendel W; Vlodaver Z; Castaneda-Zuniga WR; Amplatz K, **148**: 683, 1983
- side effects and resorption of iopamidol and iocarmate in lumbar myelography (ab), Stoeter P; Bergleiter R; Schneider I; et al, **148**: 597, 1983
- survey of contrast media used in coronary angiography (ab), Weikl A; Hubmann M, **148**: 329, 1983
- technical improvement in trans-catheter embolization with 1-isobutyl-2-cyanoacrylate (ab), Nakano H; Senoo H, **148**: 879, 1983
- Contrast media, toxicity**
- experimental myocardial ischemia II: radiographic contrast media toxicity (ab), Serur JR; Als AV; Paulin S, **148**: 328, 1983
- Coronary angiography**
- See also Angiocardiography
- clinical correlates of the coronary arteriogram (ab), Hamby RI, **148**: 328, 1983
- Coronary angiography, complications**
- experimental myocardial ischemia II: radiographic contrast media toxicity (ab), Serur JR; Als AV; Paulin S, **148**: 328, 1983
- how safe is the coronary angiogram? (ab), Adams DF, **148**: 328, 1983
- Coronary angiography, contrast media**
- survey of contrast media used in coronary angiography (ab), Weikl A; Hubmann M, **148**: 329, 1983
- Coronary vessels, abnormalities**
- two-dimensional echocardiographic features of coronary arteriovenous fistula (ab), Rodgers DM; Wolf NM; Barret MJ; et al, **148**: 345, 1983
- two-dimensional echocardiographic recognition of papillary muscle fibrosis in pediatric patients (ab), Riggs TW; Berry TE; Paul MH, **148**: 880, 1983
- Coronary vessels, anatomy**
- ultrasonic imaging of the coronary arteries in open-chest humans: evaluation of coronary atherosclerotic lesions during cardiac surgery (ab), Sahn DJ; Barratt-Boyes BG; Graham K; et al, **148**: 345, 1983
- Coronary vessels, calcification**
- clinical correlates of the coronary arteriogram (ab), Hamby RI, **148**: 328, 1983
- Coronary vessels, diseases**
- clinical correlates of the coronary arteriogram (ab), Hamby RI, **148**: 328, 1983
- coronary artery disease: detection by phase analysis of rest/exercise radionuclide angiograms, Turner DA; Shima MA; Ruggie N; Von Behren PL; Jarosky MJ; Ali A; Groch MW; Messer JV; Fordham EW, **148**: 539, 1983
- exercise 2-dimensional echocardiography: quantitation of left ventricular performance in patients with severe angina pectoris (ab), Crawford MH; Amon KW; Vance WS, **148**: 891, 1983
- experimental myocardial ischemia II: radiographic contrast media toxicity (ab), Serur JR; Als AV; Paulin S, **148**: 328, 1983
- improved left ventricular diastolic filling in patients with coronary artery disease after percutaneous transluminal coronary angioplasty (ab), Bonow RO; Kent KM; Rosing DR; et al, **148**: 879, 1983
- percutaneous transluminal coronary angioplasty: analysis of unsuccessful procedures as a guide toward improved results (ab), Baum M, **148**: 332, 1983
- percutaneous transluminal coronary angioplasty immediately after intracoronary streptokinase before emergency coronary artery surgery to prevent myocardial infarction (ab), Schofer J; Krebber H-J; Bleifeld W; et al, **148**: 592, 1983
- percutaneous transluminal coronary angioplasty: reopening by intracoronary streptokinase before emergency coronary artery surgery to prevent myocardial infarction (ab), Meyer J; Merk W; Schmitz H; et al, **148**: 332, 1983
- Coronary vessels, surgery**
- acute coronary artery occlusion during percutaneous transluminal coronary angioplasty: reopening by intracoronary streptokinase before emergency coronary artery surgery to prevent myocardial infarction (ab), Schofer J; Krebber H-J; Bleifeld W; et al, **148**: 592, 1983
- epicardial mapping of segmental myocardial function: an echocardiographic method applicable in man (ab), Likoff M; Keichuk N; St. John Sutton M; et al, **148**: 344, 1983
- two-dimensional echocardiographic analysis of segmental left ventricular wall motion before and after coronary artery bypass surgery (ab), Rubenson DS; Tucker CR; London E; et al, **148**: 347, 1983
- ultrasonic imaging of the coronary arteries in open-chest humans: evaluation of coronary atherosclerotic lesions during cardiac surgery (ab), Sahn DJ; Barratt-Boyes BG; Graham K; et al, **148**: 345, 1983
- Coronary vessels, thrombosis**
- acute coronary artery occlusion during percutaneous transluminal coronary angioplasty: reopening by intracoronary streptokinase before emergency coronary artery surgery to prevent myocardial infarction (ab), Schofer J; Krebber H-J; Bleifeld W; et al, **148**: 592, 1983
- new therapy for acute myocardial infarction: intracoronary thrombolysis (ab), Fuentes F; Smalling RW; Freund GC; et al, **148**: 874, 1983
- Coronary vessels, transluminal angioplasty**
- acute coronary artery occlusion during percutaneous transluminal coronary angioplasty: reopening by intracoronary streptokinase before emergency coronary artery surgery to prevent myocardial infarction (ab), Schofer J; Krebber H-J; Bleifeld W; et al, **148**: 592, 1983
- improved left ventricular diastolic filling in patients with coronary artery disease after percutaneous transluminal coronary angioplasty (ab), Bonow RO; Kent KM; Rosing DR; et al, **148**: 879, 1983
- percutaneous transluminal coronary angioplasty: analysis of unsuccessful procedures as a guide toward improved results (ab), Baum M, **148**: 332, 1983
- percutaneous transluminal coronary angioplasty immediately after intracoronary streptokinase (ab), Meyer J; Merk W; Schmitz H; et al, **148**: 332, 1983
- percutaneous transluminal coronary angioplasty in patients with variant angina (ab), David PR; Waters DD; Scholl J-M; et al, **148**: 332, 1983
- Corpus callosum, abnormalities**
- computed tomographic evaluation of corpus callosum agenesis and associated malformations (ab), Larsen PD; Osborn AG, **148**: 883, 1983
- Cost effectiveness**
- cost effectiveness of the all-digital nuclear medicine department, Royal HD; Parker JA; Uren RF; Kolodny GM, **148**: 860, 1983
- modified excretory urography in prehysterectomy patients (ab), Kumar R; Weiner MA; Schreiber MH, **148**: 876, 1983

Doxorubicin

- Rolls Royces and compacts: selection of radiological instrumentation (opin). Capp MP, 148: 863, 1983
- Rolls Royces or compacts? selection of radiological instrumentation (opin). Cockshott WP, 148: 862, 1983
- screening chest radiography: its role in modern medicine (ab). Greene R, 148: 328, 1983
- thin needle aspiration biopsy of thoracic lesions: impact on hospital charges and patterns of patient care. Gobien RP; Bouchard EA; Gobien BS; Valicenti JF; Vujić I, 148: 65, 1983
- Craniopharyngioma**
- intracystic radiotherapy (39 Y) of craniopharyngiomas: CT-guided stereotactic implantation of indwelling drainage system. Huk WJ; Mahlstedt J, (AJNR), 4: 803, 1983
- intraventricular craniopharyngioma. Matthews FD, (AJNR), 4: 984, 1983
- Cushing's syndrome**
- computed tomography of the adrenal gland in hypertension (ab). Dunnick NR; Korobkin M, 148: 343, 1983
- Cysticercosis**
- cerebral cysticercosis with reference to the natural history of parenchymal lesions. Handler LC; Mervis B, (AJNR), 4: 709, 1983
- neuro-ophthalmologic signs and symptoms of cysticercosis (ab). Keane JR, 148: 338, 1983
- Cystourethrography**
- See Bladder. radiography
- D**
- Deafness**
- adult-onset fluid in the tympanomastoid compartment (ab). Schuknecht HF; Zaytoun GM; Moon GN, 148: 886, 1983
- hearing loss in skull fractures. Momose KJ; Davis KR; Rhea JT, (AJNR), 4: 781, 1983
- Dementia**
- aging, dementia, and brain atrophy: a longitudinal computed tomographic study. Gado M; Hughes CP; Danziger W; et al, (AJNR), 4: 699, 1983
- brain atrophy in dementia judged by CT scan ranking. Gado M; Patel J; Hughes CP; et al, (AJNR), 4: 499, 1983
- computed tomography in the investigation of dementia (ab). Bradshaw JR; Thomson JLG; Campbell MJ, 148: 884, 1983
- CT assessment of CSF spaces in the brain in demented and nondemented patients over 60 years of age. Kohlmeyer K; Shamaen AR, (AJNR), 4: 706, 1983
- efficacy of CT in the diagnosis of vascular dementia. Glatt SL; Lantos G; Danziger A; et al, (AJNR), 4: 703, 1983
- lipomembranous polycystic osteodysplasia (brain, bone, and fat disease): a genetic cause of presenile dementia (ab). Bird TD; Koerker RM; Leard BJ; et al, 148: 595, 1983
- positron emission tomographic studies of aging and Alzheimer disease. de Leon MJ; Ferris SH; George AE; et al, (AJNR), 4: 568, 1983
- regional correlation of PET and CT in senile dementia of the Alzheimer type. de Leon MJ; George AE; Ferris SH; et al, (AJNR), 4: 553, 1983
- Diabetes**
- osteomyelitis in the diabetic foot: a difficult diagnostic challenge. Mendelson EB; Fisher MR; Deschner TW; et al, (RG), 3: 248, 1983
- scintigraphic evaluation of diabetic osteomyelitis: concise communication (ab). Park H-M; Wheat LJ; Siddiqui AR; et al, 148: 350, 1983
- ulcerating enteritis associated with flucytosine therapy (ab). White CA; Traube J, 148: 329, 1983
- Diabetes mellitus**
- radiation retinopathy in diabetes mellitus (ab). Dhir SP; Joshi AV; Banerjee AK, 148: 340, 1983
- Diagnostic radiology**
- See also Radiography; Radiology and radiologists
- radiology of syndromes and metabolic disorders. 2nd ed. (bk rev). Taybi H; Reviewed by Jacobs P, 148: 616, 1983
- Diagnostic radiology, observer performance**
- accuracy of the chest radiograph in diagnosis of pulmonary embolism (ab). Greenspan RH; Ravin CE; Polansky SM; et al, 148: 873, 1983
- Dialysis**
- intraperitoneal haemodialysis in a patient on long-term haemodialysis (ab). Lai KN; Disney APS; Mathew TH, 148: 600, 1983
- morphologic cerebral changes in patients undergoing dialysis for renal failure. Kretschmar K; Nix W; Zschiedrich H; et al, (AJNR), 4: 439, 1983
- percutaneous transluminal dilatation for restoration of angiogenesis in chronic hemodialysis patients (ab). Probst P; Maher F; Krneta A; et al, 148: 879, 1983
- Diaphragm**
- chemical pleuritis as the cause of acute chest pain following high-dose methotrexate treatment (ab). Urban C; Nirenberg A; Caparros B; et al, 148: 873, 1983
- computed tomographic evaluation of the pathologic lesion for the idiopathic diaphragmatic paralysis (ab). Shin MS; Ho KJ, 148: 887, 1983
- Diaphragm, abnormalities**
- agenesis of the diaphragm (ab). Hatzitheofilou C; Conlan AA; Nicolaou N, 148: 594, 1983
- congenital diaphragmatic hernia diagnosed prenatally by ultrasound. Chinn DH; Filly RA; Callen PW; Nakayama DK; Harrison MR, 148: 119, 1983
- Diaphragm, injuries**
- traumatic rupture of the diaphragm: real-time sonographic diagnosis. Ammann AM; Brewer WH; Maull KI; et al, (AJR), 140: 915, 1983
- Diaphragm, ultrasound studies**
- traumatic rupture of the diaphragm: real-time sonographic diagnosis. Ammann AM; Brewer WH; Maull KI; et al, (AJR), 140: 915, 1983
- Diastematomyelia**
- diastematomyelia: hemicord and meningeal sheaths; single and double arachnoid and dural tubes. Naidich TP; Harwood-Nash DC, (AJNR), 4: 633, 1983
- Diethylstilbestrol (DES)**
- induction of mammary neoplasms in the ACI rat by 430-keV neutrons, x-rays, and diethylstilbestrol (ab). Shellabarger CJ; Chmelevsky D; Kellerer AM; et al, 148: 352, 1983
- Digital radiography**
- See Radiography, digital
- Digital subtraction angiography**
- abnormal parathyroid glands: comparison of nonselective arterial digital arteriography, selective parathyroid arteriography, and venous digital arteriography as methods of detection. Krudy AG; Doppman JL; Miller DL; Marx SJ; Norton JA; Santora AC II; Lasker RD; Downs RW; Spiegel AM; Urbach GD, 148: 23, 1983
- aortic arch digital arteriography: an alternative technique to digital venous angiography and routine arteriography in the evaluation of cerebrovascular insufficiency. Zimmerman RD; Goldman MJ; Auster M; et al, (AJNR), 4: 266, 1983
- complementary roles of a noninvasive test battery and DSA in evaluating carotid artery disease. Ackerman RH; D'Alton JG; Davis KR; et al, (AJNR), 4: 757, 1983
- digital subtraction angiography for localization of parathyroid lesions (ab). Levy JM; Hessel SJ; Dippe SE; et al, 148: 332, 1983
- digital subtraction angiography for preoperative evaluation of extremity tumors. Paushter DM; Borkowski GP; Buonocore E; et al, (AJR), 141: 129, 1983
- digital subtraction angiography of aortic dissection. Cuthner DF; Miller DC, (AJR), 141: 157, 1983
- digital subtraction angiography of glomus tympanicum and jugular tumors. Carmody RF; Seeger JF; Horsley WW; et al, (AJNR), 4: 263, 1983
- digital subtraction angiography with intravenous injection: assessment of 1,000 carotid bifurcations. Wood GW; Lukin RR; Tomnick TA; et al, (AJR), 140: 855, 1983
- evaluation of aorto-iliac occlusive disease by intravenous digital subtraction angiography. Rosen RJ; Roven SJ; Taylor RF; Imparato AM; Riles TS, 148: 7, 1983
- evaluation of cerebral hemispheric contrast transit with intravenous digital subtraction angiography. Seeger JF; Carmody RF; Smith JRL; et al, (AJNR), 4: 333, 1983
- giant spinal cord angioma diagnosed by digital subtraction intravenous angiography and computerized tomography (ab). Taylor CR; Virapongse C; Davey LM, 148: 597, 1983
- intrarterial digital subtraction angiography: comparison with conventional hepatic arteriography. Flannigan BD; Gomes AS; Stambuk EC; Lois JF; Pais OS, 148: 17, 1983
- intrarterial digital subtraction angiography: evaluation in 150 patients. Davis PC; Hoffman JC Jr, 148: 9, 1983
- intracranial intravenous digital subtraction angiography (ab). Enzmann DR; Brody WR; Riederer S; et al, 148: 339, 1983
- intravenous digital subtraction angiography in the investigation of intracranial disease. DeFilipp G; Pinto RS; Lin JP; Kricheff II, 148: 129, 1983
- intravenous digital subtraction angiography with iohexol. Cacayorin ED; Bernstein AD; Fruehman CT; et al, (AJNR), 4: 329, 1983
- limitations of digital subtraction angiography in evaluating potential renal donors. Rabe FE; Smith EJ; Yune HY; et al, (AJR), 141: 91, 1983
- limitations of intravenous digital subtraction angiography. Turski PA; Zwibel WJ; Strother CM; et al, (AJNR), 4: 271, 1983
- neuroradiologic applications of intraarterial digital subtraction angiography. Eggers FM; Price AC; Allen JH; et al, (AJNR), 4: 854, 1983
- quantitative in vivo comparison of six contrast agents by digital subtraction angiography (ab). Burbank FH; Brody WR; Hall A; et al, 148: 592, 1983
- renovascular hypertension: diagnosis of renal artery stenosis by digital video subtraction angiography (ab). Hillman BJ, 148: 330, 1983
- temporal energy hybrid subtraction in intravenous digital subtraction angiography. Foley WD; Keyes GS; Smith DF; Belanger B; Sieb LE; Lawson TL; Thorser MK; Stewart ET, 148: 265, 1983
- vasospasm secondary to ruptured aneurysm: assessment by digital intravenous angiography. Pinto RS; Kricheff II; De Filipp G; et al, (AJNR), 4: 283, 1983
- Digital subtraction angiography, comparative studies**
- intrarterial digital subtraction angiography: comparison with conventional hepatic arteriography. Flannigan BD; Gomes AS; Stambuk EC; Lois JF; Pais OS, 148: 17, 1983
- intrarterial digital subtraction angiography: evaluation in 150 patients. Davis PC; Hoffman JC Jr, 148: 9, 1983
- Digital subtraction angiography, technology**
- clinical intra-arterial digital subtraction imaging: use of small volumes of iodinated contrast material or carbon dioxide. Miller FJ; Mineau DE; Koehler PR; Nelson JA; Luers PD; Sherry RA; Lawrence FP; Anderson RE; Kruger RA, 148: 273, 1983
- control of swallowing by use of topical anesthesia during digital subtraction angiography. Sider L; Mintz RA; Deschner TW; Kim KS; Weinberg PE, 148: 563, 1983
- digital vascular imaging: practical aspects. Eskridge JM; Becker GJ; Rabe FE; Holden RW; Klatte EC, 148: 703, 1983
- evaluation of prototype equipment for digital subtraction angiography in diagnosing intracranial lesions. Takahashi M; Hirota Y; Bussaka H; et al, (AJNR), 4: 259, 1983
- metric ruler for digital subtraction angiography. Lee KR; Cox GG; Price HI; Batnitzky S; Dwyer SJ III, 148: 296, 1983
- Dosimetry, therapeutic**
- See Therapeutic radiology, dosimetry
- Doxorubicin**
- recall of radiation pneumonitis after intrapleural administration of doxorubicin (ab). Hill AB; Tattersall SF, 148: 895, 1983

Drugs, abuse

Drugs, abuse

abdominal complications of drug addiction: radiologic features, Balthazar EJ; Lefleur R, (SR), 18: 213, 1983
cardiac and vascular involvement in drug abuse, Jaffe RB, (SR), 18: 207, 1983
drug addiction: an update, Pomeranz SJ, (SR), 18: 173, 1983
infants of drug-dependent mothers, Harris VJ; Srivivasan G, (SR), 18: 179, 1983
pulmonary complications of drug addiction, Stern WZ; Subbarao K, (SR), 18: 183, 1983
radiology of drug addiction affecting the brain, Leeds NE; Malhotra V; Zimmerman RD, (SR), 18: 227, 1983
radiology of drug addiction: urinary tract complications, Streiter ML; Bosniak MA, (SR), 18: 221, 1983
radiology of musculoskeletal complications of drug addiction, Firooznia H; Golimb C; Rafii M; et al, (SR), 18: 198, 1983

Drugs, effects

amiodarone pulmonary toxicity (ab), Marchlinski FE; Gansler TS; Waxman HL; et al, 148: 589, 1983
chemical pleuritis as the cause of acute chest pain following high-dose methotrexate treatment (ab), Urban C; Nirenberg A; Caparros B et al, 148: 873, 1983
histopathologic effects of transarterial biliary occlusion of intracerebral arteries in mongrel dogs, Kish KK; Rapp SM; Wilner HI; et al, (AJNR), 4: 385, 1983
possible pulmonary toxicity secondary to vinblastine (ab), Konits PH; Aisner J; Sutherland JC; et al, 148: 873, 1983
randomised clinical trial of levonantradol and chlorpromazine in the prevention of radiotherapy-induced vomiting (ab), Lufcraf HH; Palmer MK, 148: 351, 1983
recall of radiation pneumonitis after intrapleural administration of doxorubicin (ab), Hill AB; Tattersall SF, 148: 895, 1983
transrectal sonographic voiding cystourethrography: studies in neuromuscular bladder dysfunction, Shapero LG; Friedland GW; Perkash I, (AJR), 141: 83, 1983
ulcerating enteritis associated with flucytosine therapy (ab), White CA; Traube J, 148: 329, 1983

Drugs, toxicity

chemical pleuritis as the cause of acute chest pain following high-dose methotrexate treatment (ab), Urban C; Nirenberg A; Caparros B et al, 148: 873, 1983
hemorrhagic encephalitis produced by selective non-occlusive intracarotid BCNU injection in dogs (ab), Omojola MF; Fox AJ; Auer RN; et al, 148: 884, 1983
possible pulmonary toxicity secondary to vinblastine (ab), Konits PH; Aisner J; Sutherland JC; et al, 148: 873, 1983

Ductus arteriosus

two-dimensional echocardiographic identification of pulmonary artery branch stenosis (ab), Tinker DD; Nanda NC; Harris JP; et al, 148: 345, 1983

Duodenal ulcer

See Peptic ulcer

Duodenum

See also Gastrointestinal tract; Intestines heterotopic gastric tissue in the duodenum (ab), Spiller RC; Shousha S; Barrison IG, 148: 329, 1983

linear niches in the duodenal bulb, de Roos A; Op den Orth JO, (AJR), 140: 1983

Duodenum, computed tomography

tubercular stenosis of the duodenum (ab), Rohner HG; Muller-Wallraf R; Wienbeck M, 148: 590, 1983

Duodenum, neoplasms

heterotopic gastric tissue in the duodenum (ab), Spiller RC; Shousha S; Barrison IG, 148: 329, 1983

Duodenum, stenosis

tubercular stenosis of the duodenum (ab), Rohner HG; Muller-Wallraf R; Wienbeck M, 148: 590, 1983

Duodenum, ultrasound studies

tubercular stenosis of the duodenum (ab), Rohner HG; Muller-Wallraf R; Wienbeck M, 148: 590, 1983

E

Ear

adult-onset fluid in the tympanomastoid compartment (ab), Schuknecht HF; Zaytoun GM; Moon GN, 148: 886, 1983

Ear, abnormalities

oto-onycho-peroneal syndrome: a probably new genetic entity (ab), Pfeiffer RA, 148: 336, 1983

Ear, anatomy

high-resolution computed tomography of the middle ear and mastoid, part I: normal radioanatomy including normal variations, Swartz JD, 148: 449, 1983

high-resolution computed tomography of the middle ear and mastoid, part III: surgically altered anatomy and pathology, Swartz JD; Goodman RS; Russell KB; Ladenheim SE; Wolfson RJ, 148: 461, 1983

vascularization of the ear (ab), Moret J; Delvert JC; Lasjaunias P, 148: 885, 1983

Ear, computed tomography

cholesteatomas of the temporal bone: role of computed tomography, Johnson DW; Voorhees RL; Lukkin RB; Hanafee W; Canalis R, 148: 733, 1983

computed tomography of the middle ear in the evaluation of cholesteatomas and other soft-tissue masses: comparison with pluridirectional tomography, Mafee MF; Kumar A; Yannias DA; Valvassori GE; Applebaum EL, 148: 465, 1983

high-resolution computed tomography of the middle ear and mastoid, part I: normal radioanatomy including normal variations, Swartz JD, 148: 449, 1983

high-resolution computed tomography of the middle ear and mastoid, part II: tubotympanic disease, Swartz JD; Goodman RS; Russell KB; Marlowe FL; Wolfson RJ, 148: 455, 1983

high-resolution computed tomography of the middle ear and mastoid, part III: surgically altered anatomy and pathology, Swartz JD; Goodman RS; Russell KB; Ladenheim SE; Wolfson RJ, 148: 461, 1983

Ear, cysts

computed tomography of the middle ear in the evaluation of cholesteatomas and other soft-tissue masses: comparison with pluridirectional tomography, Mafee MF; Kumar A; Yannias DA; Valvassori GE; Applebaum EL, 148: 465, 1983

Ear, diseases

high-resolution computed tomography of the middle ear and mastoid, part II: tubotympanic disease, Swartz JD; Goodman RS; Russell KB; Marlowe FL; Wolfson RJ, 148: 455, 1983

high-resolution computed tomography of the middle ear and mastoid, part III: surgically altered anatomy and pathology, Swartz JD; Goodman RS; Russell KB; Ladenheim SE; Wolfson RJ, 148: 461, 1983

Ear, neoplasms

computed tomography of the middle ear in the evaluation of cholesteatomas and other soft-tissue masses: comparison with pluridirectional tomography, Mafee MF; Kumar A; Yannias DA; Valvassori GE; Applebaum EL, 148: 465, 1983

Ear, surgery

high-resolution computed tomography of the middle ear and mastoid, part III: surgically altered anatomy and pathology, Swartz JD; Goodman RS; Russell KB; Ladenheim SE; Wolfson RJ, 148: 461, 1983

Echocardiography

See Heart, ultrasound studies

Economics, medical

benign gastric ulcer: a reliable radiologic diagnosis?, Thompson G; Somers S; Stevenson GW, (AJR), 141: 331, 1983

cost effectiveness of the all-digital nuclear medicine department, Royal HD; Parker J; Uren RF; Kolodny GM, 148: 860, 1983

Editorials

Radiological Society of North America, Inc., sixty-ninth scientific assembly and annual meeting, Lester RG, 148: 571, 1983

Education

cadaver radiography in the teaching of gross anatomy, McNies LM; Madewell JE; Allman RM, 148: 73, 1983

Efficacy study, computed tomography

efficacy of CT in the diagnosis of vascular dementia, Glatt SL; Santos G; Danziger A; et al, (AJNR), 4: 703, 1983

Elbow

os supratrochlear dorsale: a normal variant that may cause symptoms, Obermann WR; Loose HWC, (AJR), 141: 123, 1983

Electrocardiography (ECG)

clinical correlates of the coronary arteriogram (ab), Hamby RI, 148: 328, 1983

survey of contrast media used in coronary angiography (ab), Weiki A; Hubmann M, 148: 329, 1983

Electrocoagulation

endovascular electrocoagulation with a bipolar electrode and alternating current: a follow-up study in dogs, Brunelle F; Kunstlinger F; Quillard J, 148: 413, 1983

Electrons

results of high-energy electron therapy in carcinoma of the oesophagus compared with telecobalt therapy (ab), Yin W-b; Zhang L; Miao Y; et al, 148: 894, 1983

Embolism

See also Thrombosis

emergent treatment of central retinal artery occlusion caused by embolism (L), Krecke CE; Crawford MJ, 148: 866, 1983

emergent treatment of central retinal artery occlusion caused by embolism: comment (L), Younger BR, 148: 866, 1983

low-dose fibrinolytic therapy: results and new concepts, Becker GJ; Rabe FE; Richmond BD; Holden RW; Yune HY; Dilley RS; Bang NU; Glover JL; Klatte EC, 148: 663, 1983

selective streptokinase infusion: clinical and laboratory correlates, Mori KW; Bookstein JJ; Heaney DJ; Bardin JA; Donnelly KJ; Rhodes GA; Dilley RB; Warmath MA; Bernstein EF, 148: 677, 1983

Embolism, oil

experimental studies on liquid embolization mixtures (Histoacryl-Lipiodol, Histoacryl-Panthopaque) (ab), Stoesslein F; Ditscherlein G; Romaniuk PA, 148: 879, 1983

Embolism, pulmonary

accuracy of the chest radiograph in diagnosis of pulmonary embolism (ab), Greenspan RH; Ravin CE; Polansky SM; et al, 148: 873, 1983

echocardiographic identification of right-sided cardiac intraventricular thromboembolus in massive pulmonary embolism (ab), Starkey IR; de Bono DP, 148: 603, 1983

intrarterial infusion of urokinase in the treatment of acute pulmonary thromboembolism: preliminary observations, Barberena J, (AJR), 140: 883, 1983

massive pulmonary embolism: treatment with full heparinization and topical low-dose streptokinase, Vujic I; Young JWR; Cobien RP; Dawson WT; Liebscher L; Shelley BE Jr, 148: 671, 1983

multiple metallic pulmonary densities after therapeutic embolization (ab), Leitman BS; McCauley DJ; Firooznia H, 148: 327, 1983

Embolism, splenic

partial splenic embolization in the management of hypersplenism secondary to Gaucher disease (ab), Thanopoulos BD; Frimas CA, 148: 335, 1983

Embolism, therapeutic

See Arteries, therapeutic blockade; Veins, therapeutic blockade

Emission computed tomography

adjustable computerized stereotaxic brain atlas for transmission and emission tomography, Bohm C; Greitz T; Kingsley D; et al, (AJNR), 4: 731, 1983

cerebrospinal fluid circulation: evaluation by single-photon and positron emission tomography, Bergstrand G; Larsson S; Bergstrom M; et al, (AJNR), 4: 557, 1983

comparative study of thallium emission myocardial tomography with 180° and 360° data collection (ab), Tamaki N; Mukai T; Ishii Y; et al, 148: 606, 1983

comparison of 180° and 360° data collection in thallium-201 imaging using single-photon emission computerized tomography (SPECT): concise communication (ab), Coleman RE; Jaszcak RJ; Cobb FR, 148: 606, 1983

- comparison study of CT and positron emission tomographic data in recent cerebral infarction, Baron JC; Delattre JY; Bories J; et al, (AJNR), 4: 536, 1983
- glucose utilization of cerebral gliomas measured by [F-18] fluoro-deoxyglucose and positron emission tomography (ab), Di Chiro G; DeLaPaz RL; Brooks RA; et al, 148: 595, 1983
- glycolytic rate (PET) and contrast enhancement (CT) in human cerebral gliomas, Patronas NJ; Brooks RA; DeLaPaz RL; et al, (AJNR), 4: 533, 1983
- kidney pseudotumor diagnosed by emission computed tomography (ab), Williams ED; Parker C, 148: 342, 1983
- monitoring of regional cerebral blood flow by single photon emission tomography of I-123-N-isopropyl-iodoamphetamine in epileptics (ab), Magistretti PL; Uren RF; Parker JA; et al, 148: 884, 1983
- PET studies of glucose metabolism in patients with schizophrenia, Widén L; Blomqvist G; Greitz T; et al, (AJNR), 4: 550, 1983
- positron emission tomographic studies of aging and Alzheimer disease, de Leon MJ; Ferris SH; George AE; et al, (AJNR), 4: 568, 1983
- positron emission tomographic study of suppression of gray-matter glucose utilization by brain tumors, DeLaPaz RL; Patronas NJ; Brooks RA; et al, (AJNR), 4: 826, 1983
- positron emission tomography in systemic lupus erythematosus: relation of cerebral vasculitis to PET findings, Hiraiwa M; Nonaka C; Abe T; et al, (AJNR), 4: 541, 1983
- positron emission tomography in venous ulceration and liposclerosis study of regional tissue function (ab), Hopkins NFG; Spinks TJ; Rhodes CG; et al, 148: 893, 1983
- regional correlation of PET and CT in senile dementia of the Alzheimer type, de Leon MJ; George AE; Ferris SH; et al, (AJNR), 4: 553, 1983
- tomosintigraphy for detecting gastrointestinal and mediastinal thyroid cancers: first clinical results using radiolabelled monoclonal antibodies against carcinoembryonic antigen (ab), Berche C; Mach JP; Lumbruso J-D; et al, 148: 350, 1983
- use of ¹²³I-iodoamphetamine and single-photon emission computed tomography to assess local cerebral blood flow, O'Leary DH; Hill TC; Lee RGL; et al, (AJNR), 4: 547, 1983
- Emphysema, interstitial**
treatment of localized pulmonary interstitial emphysema with selective bronchial intubation, Vahey TN; Pratt GB; Baum RS, (AJR), 140: 1107, 1983
- Empyema**
CT and radiographic assessment of tube thoracostomy, Stark DD; Federle MP; Goodman PC, (AJR), 141: 253, 1983
- differentiating lung abscess and empyema: radiography and computed tomography, Stark DD; Federle MP; Goodman PC; et al, (AJR), 141: 163, 1983
- Encephalitis**
hemorrhagic encephalitis produced by selective non-inclusive intracarotid BCNU injection in dogs (ab), Omojola MF; Fox AJ; Auer RN; et al, 148: 884, 1983
- toxoplasma encephalitis in Haitian adults with acquired immunodeficiency syndrome: a clinical-pathologic-CT correlation, Post MJ-D; Chan JC; Hensley GT; et al, (AJR), 140: 861, 1983
- Endocarditis**
clinical and echocardiographic features of pulmonary valve endocarditis (ab), Nakamura K; Satomi G; Sakai T; et al, 148: 890, 1983
- Endocardium, inflammation**
See Endocarditis
- Endoscopy**
benign gastric ulcer: a reliable radiologic diagnosis?, Thompson G; Somers S; Stevenson GW, (AJR), 141: 331, 1983
- detection of gastritis by single- and double-contrast radiography, Thoeni RF; Goldberg HI; Ominsky S; Cello JP, 148: 621, 1983
- human endoscopic ultrasonography (ab), DiMaggio EP; Regan PT; Cain JE; et al, 148: 347, 1983
- reflux esophagitis: radiologic-endoscopic correlation in 39 symptomatic cases (ab), Graziani L; De Nigris E; Pesaresi A; et al, 148: 875, 1983
- Enemas**
hemorrhagic cytomegalovirus colitis in a patient with uremia (ab), Kumar R; Moretti LB; Jacobi K; et al, 148: 875, 1983
- Enteritis**
small-bowel enema: an underutilized method of small-bowel examination (ab), Gurian L; Jendrzejewski J; Katon R; et al, 148: 590, 1983
- ulcerating enteritis associated with flucytosine therapy (ab), White CA; Traube J, 148: 329, 1983
- Enterocolitis**
double-contrast small-bowel examination with barium and methylcellulose: results in 300 cases, Antes G; Lissner J, 148: 37, 1983
- small-bowel enema: an underutilized method of small-bowel examination (ab), Gurian L; Jendrzejewski J; Katon R; et al, 148: 590, 1983
- Enterocolitis**
See Colitis
- Enzymes**
assessment of activity in sarcoidosis: sensitivity and specificity of gallium-67 scintigraphy, serum ACE levels, chest roentgenography, and blood lymphocyte subpopulations (ab), Klech H; Kohn H; Kummer F; et al, 148: 605, 1983
- bronchoalveolar lavage, serum angiotensin-converting enzyme, and gallium-67 scanning in extrathoracic sarcoidosis (ab), Wallaert B; Ramon P; Fournier E; et al, 148: 349, 1983
- Ga-67 scanning for assessment of disease activity and therapy decisions in pulmonary sarcoidosis in comparison to chest radiography, serum ACE and blood T-lymphocytes (ab), Kohn H; Klech H; Mostbeck A; et al, 148: 349, 1983
- Ependymoma**
ruptured spinal ependymoma simulating bacterial meningitis (ab), Okawara S, 148: 885, 1983
- Epidermoid**
carcinoma of the tonsillar fossa (ab), Perez CA; Purdy JA; Breaux SR; et al, 148: 598, 1983
- paramedian hourglass epidermoid extending above and below the tentorium (ab), Albanese V; Tomassello F; Picozzi P; et al, 148: 598, 1983
- Epididymitis**
testicular necrosis: a preventable complication of epididymitis (ab), Vordermark JS II; Favila MQ, 148: 606, 1983
- Epiglottis**
epiglottic motion: video recording of muscular dysfunction, Curtis DJ; Sepulveda GU, 148: 473, 1983
- Epiglottitis**
pneumococcal epiglottitis in systemic lupus erythematosus on high-dose corticosteroids (ab), Shalit M; Gross DJ; Levo Y, 148: 599, 1983
- Epilepsy**
monitoring of regional cerebral blood flow by single photon emission tomography of I-123-N-isopropyl-iodoamphetamine in epileptics (ab), Magistretti PL; Uren RF; Parker JA; et al, 148: 884, 1983
- single-photon tomographic determination of regional cerebral blood flow in epilepsy, Bonte FJ; Devous MD Sr; Stokely EM; et al, (AJNR), 4: 544, 1983
- Ergot and ergot preparations**
effect of bromocriptine and pergolide on pituitary tumor size and serum prolactin, Horowitz BL; Hamilton DJ; Sommers CJ; et al, (AJNR), 4: 415, 1983
- Erythrocytes**
See Red blood cells
- Esophagitis**
reflux esophagitis: radiologic-endoscopic correlation in 39 symptomatic cases (ab), Graziani L; De Nigris E; Pesaresi A; et al, 148: 875, 1983
- Esophagus, abnormalities**
adenocarcinoma of the esophagus in patients with scleroderma, Halpert RD; Laufer I; Thompson JJ; et al, (AJR), 140: 927, 1983
- esophagopericardial fistula: causes and radiographic features, Cyrak D; Cohen AJ; Dana ER, (AJR), 141: 177, 1983
- radiation-induced injury of the esophagus, Lepke RA; Libshitz HI, 148: 375, 1983
- Esophagus, computed tomography**
computed tomography of esophageal varices after sclerotherapy, Halden WJ; Harnsberger HR; Mancuso AA, (AJR), 140: 1195, 1983
- computed tomography of the azygo-oesophageal recess (ab), Lund G; Lien HH, 148: 342, 1983
- CT evaluation of thickened esophageal walls, Reining JW; Stanley JH; Schabel SJ, (AJR), 140: 931, 1983
- Esophagus, effects of irradiation on**
radiation-induced injury of the esophagus, Lepke RA; Libshitz HI, 148: 375, 1983
- Esophagus, hemorrhage**
esophageal bleeding from aorto-oesophageal fistula due to aortic aneurysm (ab), Myers HS; Silber W, 148: 874, 1983
- Esophagus, motility**
radiation-induced injury of the esophagus, Lepke RA; Libshitz HI, 148: 375, 1983
- Esophagus, neoplasms**
adenocarcinoma of the esophagus in patients with scleroderma, Halpert RD; Laufer I; Thompson JJ; et al, (AJR), 140: 927, 1983
- polypoid epithelial malignancies of the esophagus, Olmsted WW; Lichtenstein JE; Hyams VJ, (AJR), 140: 921, 1983
- results of high-energy electron therapy in carcinoma of the oesophagus compared with telecobalt therapy (ab), Yin W-B; Zhang L; Miao Y; et al, 148: 894, 1983
- Esophagus, obstruction**
See Esophagus, stenosis
- Esophagus, radiography**
radiologic evaluation of complications after esophagogastrectomy, Owen JW; Balfe DM; Koehler RE; et al, (AJR), 140: 1163, 1983
- reflux esophagitis: radiologic-endoscopic correlation in 39 symptomatic cases (ab), Graziani L; De Nigris E; Pesaresi A; et al, 148: 875, 1983
- Esophagus, radionuclide studies**
gastroesophageal scintiscanning in children (ab), Piepsz A; Georges B; Rodesch P; et al, 148: 335, 1983
- Esophagus, reflux**
gastroesophageal reflux in children: results of a standardized fluoroscopic approach, Cleveland RH; Kushner DC; Schwartz AN, (AJR), 141: 53, 1983
- gastroesophageal reflux—the acid test: scintigraphy or the pH probe? Seibert JJ; Byrne WJ; Euler AR; et al, (AJR), 140: 1087, 1983
- gastroesophageal scintiscanning in children (ab), Piepsz A; Georges B; Rodesch P; et al, 148: 335, 1983
- infant apnea: findings on the barium esophagram, Haney PJ, 148: 425, 1983
- Esophagus, rupture**
esophageal bleeding from aorto-oesophageal fistula due to aortic aneurysm (ab), Myers HS; Silber W, 148: 874, 1983
- Esophagus, stenosis**
clinical course of esophageal stricture managed by bougienage (ab), Glick ME, 148: 329, 1983
- Esophagus, surgery**
radiologic evaluation of complications after esophagogastrectomy, Owen JW; Balfe DM; Koehler RE; et al, (AJR), 140: 1163, 1983
- Esophagus, therapeutic radiology**
results of high-energy electron therapy in carcinoma of the oesophagus compared with telecobalt therapy (ab), Yin W-B; Zhang L; Miao Y; et al, 148: 894, 1983
- Esophagus, varices**
computed tomography of esophageal varices after sclerotherapy, Halden WJ; Harnsberger HR; Mancuso AA, (AJR), 140: 1195, 1983
- idiopathic esophageal varix, Trenek SW; Levine MS; Laufer I; et al, (AJR), 141: 43, 1983
- transhepatic portal venous embolization of varices: pros and cons (opin), Sos TA, 148: 569, 1983
- Ethiodol**
CT detection of hepatic metastases with Ethiodol Oil Emulsion 13 (ab), Lewis E; AufderHeide JF; Bernardino ME; et al, 148: 599, 1983
- Ewing's sarcoma**
computed tomography in the evaluation of 41 cases of Ewing's sarcoma (ab), Vanel D; Contesso G; Couanet D; et al, 148: 888, 1983

Ewing's sarcoma

- slipped proximal humeral epiphysis: a complication of radiotherapy to the shoulder in children (ab), Edeiken BS; Libshitz HI; Cohen MA, **148**: 883, 1983
- Excretory urography**
See Urography
- Exostoses**
metachondromatosis, Kennedy LA, **148**: 117, 1983
- Extremities**
See also names of bones and joints, such as Femur; Knee
early roentgenographic evaluation of bowlegged children (ab), O'Neal DA; MacEwen JD, **148**: 595, 1983
hypertrophic neuropathy with spinal cord compression (ab), Carlén L; Biller J; Challal V; et al, **148**: 338, 1983
- Extremities, angiography**
patency after femoral angioplasty: correlation of angiographic appearance with clinical findings, Probst P; Cerny P; Owens A; et al, **(AJR)**, **140**: 1227, 1983
- Extremities, blood supply**
evaluation of aorto-iliac occlusive disease by intravenous digital subtraction angiography, Rosen RJ; Roven SJ; Taylor RF; Imparato AM; Riles TS, **148**: 7, 1983
- Extremities, computed tomography**
digital subtraction angiography for preoperative evaluation of extremity tumors, Paushter DM; Borkowski GP; Buonocore E; et al, **(AJR)**, **141**: 129, 1983
- Extremities, fracture**
occult fractures of the knee: tomographic evaluation, Apple JS; Martinez S; Allen NB; Caldwell DS; Rice JR, **148**: 383, 1983
- Extremities, neoplasms**
digital subtraction angiography for preoperative evaluation of extremity tumors, Paushter DM; Borkowski GP; Buonocore E; et al, **(AJR)**, **141**: 129, 1983
- Extremities, radiography**
simple first metacarpalphalangeal stress test, Curtis DJ; Downey EF Jr, **148**: 855, 1983
- Extremities, radionuclide studies**
early scintigraphic diagnosis of bone stress and fractures in athletic adolescents (ab), Rosen PR; Mitchel LJ; Treves S, **148**: 893, 1983
- Tc-99m red blood cell venography in deep vein thrombosis of the leg (L), Rao MG, **148**: 577, 1983
- Tc-99m red blood cell venography in deep vein thrombosis of the leg: reply (L), Lisbona R; Stern J; Derbekyan V, **148**: 577, 1983
- Extremities, thrombosis**
Tc-99m red blood cell venography in deep vein thrombosis of the leg (L), Rao MG, **148**: 577, 1983
- Tc-99m red blood cell venography in deep vein thrombosis of the leg: reply (L), Lisbona R; Stern J; Derbekyan V, **148**: 577, 1983
- Eye, abnormalities**
computed tomographic identification of calcified optic nerve drusen, Ramirez H; Blatt ES; Hibrit NS, **148**: 137, 1983
- Eye, diseases**
choroidal ischemia (ab), Gaudric A; Coscas G; Bird AC, **148**: 340, 1983
- clinical significance of extraocular muscle volumes in Graves ophthalmopathy (ab), Feldon SE; Weiner JM, **148**: 341, 1983
- state of development and clinical significance of ultrasound diagnostics in intraocular diseases (ab), Till P, **148**: 890, 1983
- Eye, effects of irradiation on**
radiation retinopathy in diabetes mellitus (ab), Dhir SP; Joshi AV; Banerjee AK, **148**: 340, 1983
- Eye, hemorrhage**
radiation retinopathy in diabetes mellitus (ab), Dhir SP; Joshi AV; Banerjee AK, **148**: 340, 1983
- Eye, injuries**
value of echography in diagnosis and follow-up of perforating eye lesions (ab), Riss B; Binder S, **148**: 890, 1983
- Eye, neoplasms**
malignant melanoma of the choroid in the nevus of Ota of a black patient (ab), Nik NA; Glew WB; Zimmerman LE, **148**: 340, 1983
- neurosurgical management of optic glioma (ab), Tenny RT; Laws ER Jr; Younge BR; et al, **148**: 338, 1983
- Eye, ultrasound studies**
axial echometry of the eye: results and clinical application (ab), Gernet H, **148**: 890, 1983
- modern scanning and biometry equipment in ophthalmologic sonography (ab), Thijssen JM, **148**: 890, 1983
- serious choroidal detachment and the thickened-choroid sign detected by ultrasonography (ab), Wing GL; Schepens CL; Trempe CL; et al, **148**: 340, 1983
- state of development and clinical significance of ultrasound diagnostics in intraocular diseases (ab), Till P, **148**: 890, 1983
- ultrasound in ophthalmology (ab), Trier HG, **148**: 890, 1983
- value of echography in diagnosis and follow-up of perforating eye lesions (ab), Riss B; Binder S, **148**: 890, 1983
- F**
- Face**
See also Eye; Jaws; etc.
- Face, injuries**
high-resolution CT scanning of facial trauma, Cooper PW; Kassel EE; Gruss JS, **(AJR)**, **4**: 495, 1983
- Familial conditions**
achondrogenesis: new nosology with evidence of genetic heterogeneity, Whitley CB; Gorlin RJ, **148**: 693, 1983
- intermediate form of osteopetrosis with recessive inheritance (ab), Kaibara N; Katsuki I; Hotobuchi T; et al, **148**: 878, 1983
- lipomembranous polycystic osteodysplasia (brain, bone, and fat disease): a genetic cause of presenile dementia (ab), Bird TD; Koerner RM; Leaird BJ; et al, **148**: 595, 1983
- oto-onychoperitoneal syndrome: a probably new genetic entity (ab), Pfeiffer RA, **148**: 336, 1983
- recurrent acute pancreatitis due to hereditary angioneurotic edema (ab), Christmann D; Hauptmann G; Modert F; et al, **148**: 592, 1983
- lipomembranous polycystic osteodysplasia (brain, bone, and fat disease): a genetic cause of presenile dementia (ab), Bird TD; Koerner RM; Leaird BJ; et al, **148**: 595, 1983
- Fat**
lipomembranous polycystic osteodysplasia (brain, bone, and fat disease): a genetic cause of presenile dementia (ab), Bird TD; Koerner RM; Leaird BJ; et al, **148**: 595, 1983
- Femur**
anterior hip dislocation: atypical superolateral displacement of the femoral head, Bassett LW; Gold RH; Epstein HC, **(AJR)**, **141**: 385, 1983
- early scintigraphic diagnosis of bone stress and fractures in athletic adolescents (ab), Rosen PR; Mitchel LJ; Treves S, **148**: 893, 1983
- painful sequelae of coxa plana (ab), Clarke NMP; Harrison MHM, **148**: 878, 1983
- slipped proximal humeral epiphysis: a complication of radiotherapy to the shoulder in children (ab), Edeiken BS; Libshitz HI; Cohen MA, **148**: 883, 1983
- Femur, abnormalities**
staged osteotomy-osteoclasis in the correction of long-bone deformities (ab), Malan MM; Van Der Westhuizen O, **148**: 331, 1983
- Femur, computed tomography**
CT analysis of the upper end of the femur: the asterisk sign and ischaemic bone necrosis of the femoral head (ab), Dihlmann W, **148**: 889, 1983
- Femur, necrosis**
CT analysis of the upper end of the femur: the asterisk sign and ischaemic bone necrosis of the femoral head (ab), Dihlmann W, **148**: 889, 1983
- medial femoral condyle necrosis and chondrocalcinosis—a causal relationship? (ab), Watt I; Dieppe PA, **148**: 878, 1983
- Fertility**
See Sterility
- Fetus**
See also Pregnancy
- Fetus, abnormalities**
lateral cerebral ventricle in early second trimester, Chinn DH; Callen PW; Filly RA, **148**: 529, 1983
- management of intrauterine hydrocephalus (ab), Cochrane DD; Myles ST, **148**: 604, 1983
- prenatal ultrasound diagnosis of hypoplastic left heart syndrome in utero associated with hydronephrosis (ab), Sahn DJ; Shenker L; Reed KL; et al, **148**: 604, 1983
- relationship of fetal limb lengths to both biparietal diameter and gestational age (ab), Seeds JW; Cefalo RC, **148**: 604, 1983
- relationship of placental grade by ultrasound to markers of fetal lung maturity, Ragozzino MW; Hill LM; Breckle R; Ellefson RD; Smith RC, **148**: 805, 1983
- polyhydramnios associated with fetal limb abnormalities, Wong WS; Filly RA, **(AJR)**, **140**: 1001, 1983
- Fetus, cardiovascular system**
fetal echocardiography (ab), Kleinman CS; Donnerstein RL; Jaffee CC; et al, **148**: 892, 1983
- intruterine and postnatal atrial fibrillation in the Wolff-Parkinson-White syndrome (ab), Belhassen B; Pauzner D; Bleden L; et al, **148**: 348, 1983
- intruterine supraventricular tachycardia: cardioversion with maternal digoxin (ab), Heaton FC; Vaughn R, **148**: 604, 1983
- pictorial essay: real-time sonography of fetal cardiac anatomy, Axel L, **(AJR)**, **141**: 283, 1983
- prenatal ultrasound diagnosis of hypoplastic left heart syndrome in utero associated with hydronephrosis (ab), Sahn DJ; Shenker L; Reed KL; et al, **148**: 604, 1983
- Fetus, digestive system**
prenatal diagnosis of upper intestinal tract obstruction (ab), Pok J, **148**: 604, 1983
- Fetus, genitourinary system**
percutaneous nephrostomy in utero, Vallancien G; Dumez Y; Aubry MC; et al, **148**: 592, 1983
- Fetus, growth and development**
polyhydramnios associated with fetal limb abnormalities, Wong WS; Filly RA, **(AJR)**, **140**: 1001, 1983
- relationship of fetal limb lengths to both biparietal diameter and gestational age (ab), Seeds JW; Cefalo RC, **148**: 604, 1983
- relationship of placental grade by ultrasound to markers of fetal lung maturity, Ragozzino MW; Hill LM; Breckle R; Ellefson RD; Smith RC, **148**: 805, 1983
- Fetus, neoplasms**
mesenchymal hamartoma of the liver identified by fetal sonography, Foucar E; Williamson RA; Yiu-Chiu V; et al, **(AJR)**, **140**: 970, 1983
- prenatal aspiration of sacrococcygeal teratoma, Mintz MC; Mennuti M; Fishman M, **(AJR)**, **141**: 367, 1983
- Fetus, skeletal system**
relationship of fetal limb lengths to both biparietal diameter and gestational age (ab), Seeds JW; Cefalo RC, **148**: 604, 1983
- Fetus, ultrasound studies**
congenital diaphragmatic hernia diagnosed prenatally by ultrasound, Chinn DH; Filly RA; Callen PW; Nakayama DK; Harrison MR, **148**: 119, 1983
- fetal echocardiography (ab), Kleinman CS; Donnerstein RL; Jaffee CC; et al, **148**: 892, 1983
- intruterine and postnatal atrial fibrillation in the Wolff-Parkinson-White syndrome (ab), Belhassen B; Pauzner D; Bleden L; et al, **148**: 348, 1983
- intruterine supraventricular tachycardia: cardioversion with maternal digoxin (ab), Heaton FC; Vaughn R, **148**: 604, 1983
- lateral cerebral ventricle in early second trimester, Chinn DH; Callen PW; Filly RA, **148**: 529, 1983
- management of intrauterine hydrocephalus (ab), Cochrane DD; Myles ST, **148**: 604, 1983
- meconium peritonitis with accompanying pseudocyst: prenatal sonographic diagnosis, McGahan JP; Hanson F, **148**: 125, 1983
- mesenchymal hamartoma of the liver identified by fetal sonography, Foucar E; Williamson RA; Yiu-Chiu V; et al, **(AJR)**, **140**: 970, 1983
- percutaneous nephrostomy in utero (ab), Vallancien G; Dumez Y; Aubry MC; et al, **148**: 592, 1983
- pictorial essay: real-time sonography of fetal cardiac anatomy, Axel L, **(AJR)**, **141**: 283, 1983
- prenatal diagnosis of upper intestinal tract obstruction (ab), Pok J, **148**: 604, 1983
- prenatal ultrasound diagnosis of hypoplastic left heart syndrome in utero associated with hydronephrosis (ab), Sahn DJ; Shenker L; Reed KL; et al, **148**: 604, 1983
- relationship of placental grade by ultrasound to markers of fetal lung maturity, Ragozzino MW; Hill LM; Breckle R; Ellefson RD; Smith RC, **148**: 805, 1983

Gastrointestinal tract, radiography

Fibrinolysis

low-dose fibrinolytic therapy: results and new concepts, Becker GJ; Rabe FE; Richmond BD; Holden RW; Yune HY; Dilley RS; Bang NU; Glover JL; Klatte EC, **148**: 663, 1983
massive pulmonary embolism: treatment with full heparinization and topical low-dose streptokinase, Vujic I; Young JWR; Gobien RP; Dawson WT; Liebscher L; Shelley BE Jr, **148**: 671, 1983
thrombolytic agents: effects of local infusion on microvascular physiology and macrovascular ultrastructure, Becker GJ; Rabe FE; Hogan RD; Evan AP; Franklin TD; Holden RW; Bang NU; Dilley RS; Bendick PJ; Klatte EC, **148**: 403, 1983

Fibroma

See also under names of organs and regions, such as Bones, fibroma
congenital generalized fibromatosis (ab), Brill PW; Yandow DR; Langer LO; et al, **148**: 882, 1983

Fibula, abnormalities

oto-onychoperoneal syndrome: a probably new genetic entity (ab), Pfeiffer RA, **148**: 336, 1983

Films and screens

operative renal radiography (ab), Roth D; Griffith DP, **148**: 876, 1983

Fingers and toes

simple first metacarpophalangeal stress test, Curtis DJ; Downey EF Jr, **148**: 855, 1983

Fingers and toes, abnormalities

coexisting ectrodactyly-ectodermal dysplasia-clefting (EEC) and prune belly syndrome (ab), Ivarsson S; Henriksson P; Theander G, **148**: 882, 1983
longitudinally bracketed diaphyses in young children (ab), Theander G; Carstam N; Rausing A, **148**: 883, 1983
oto-onychoperoneal syndrome: a probably new genetic entity (ab), Pfeiffer RA, **148**: 336, 1983

Fingers and toes, injuries

bilateral tendinitis of the flexor hallucis longus in a ballet dancer (ab), Cowell HR; Elener V; Lawhon SM, **148**: 591, 1983

Fistula, aorto-caval

high-flow, aortocaval fistulae: radiologic and histopathologic evaluation in a rat model, Quisling RG; Mickle JP; Ballinger W, (AJNR), **4**: 369, 1983

Fistula, aortoesophageal

oesophageal bleeding from aorto-oesophageal fistula due to aortic aneurysm (ab), Myers HS; Silber W, **148**: 874, 1983

Fistula, arteriovenous

See also Arteriovenous malformations
aneurysmal bulging of the interatrial septum in a newborn infant with arteriovenous fistula and congestive heart failure (ab),

Sapire DW; Casta D, **148**: 594, 1983
giant "ramedullary" arteriovenous fistula supplied by the anterior spinal artery: treatment with detachable balloons, Riche MC; Scialfa G; Gueguen B; et al, (AJNR), **4**: 391, 1983

results of treatment of arteriovenous fistulae with the Debrun technique, Kendall B, (AJNR), **4**: 405, 1983

Fistula, carotid-cavernous

cerebrovascular occlusion by catheterization and embolization: clinical experience, Negoro M; Kageyama N; Ishiguchi T, (AJNR), **4**: 362, 1983

delayed effects in the treatment of carotid-cavernous fistulas, Tsai FY; Hieshima GB; Mehringer CM; et al, (AJNR), **4**: 357, 1983
treatment of traumatic carotid-cavernous fistula using detachable balloon catheters, Debrun GM, (AJNR), **4**: 355, 1983

Fistula, coronary

iatrogenic aortocoronary vein fistula (ab), Przybojewski JZ, **148**: 590, 1983
two-dimensional echocardiographic features of coronary arteriovenous fistula (ab), Rodgers DM; Wolf NM; Barret MJ; et al, **148**: 345, 1983

Fistula, esophageal

case of the summer season: spontaneous fistula between the esophagus and left atrium, Flodmark P, (SR), **18**: 171, 1983
esophageal-pericardial fistula presenting as pericarditis (ab), Meltzer P; Elkayam U; Parsons K; et al, **148**: 874, 1983

esophagopericardial fistula: causes and radiographic features, Cyrlak D; Cohen AJ; Dana ER, (AJR), **141**: 177, 1983

Fistula, ureteral

percutaneous nephroureteral drainage and stenting for postsurgical ureteral leaks, Drury EM; Gharib M; Finder CA, (AJR), **141**: 389, 1983

Fistula, urinary

urinary fistulas after partial nephrectomy: treatment by segmental renal embolization, Mitty HA; Dan SJ; Goldman HJ; et al, (AJR), **141**: 101, 1983

Fluoroscopy

See also Radiography

gastroesophageal reflux in children: results of a standardized fluoroscopic approach, Cleveland RH; Uschner DC; Schwartz AN, (AJR), **141**: 53, 1983

Fluoroscopy, technology

fluoroscopic dose reduction using a digital television noise-reduction device, Ablow RC; Jaffe CC; Orphanoudakis SC; Markowitz RI; Rosenfeld NS, **148**: 313, 1983

Foot, abnormalities

congenital cavus foot (ab), Weseley MS; Barenfeld PA; Shea JM; et al, **148**: 595, 1983

Foot, fracture

tarsal navicular stress fractures: radiographic evaluation, Pavlov H; Torg JS; Freiberger RH, **148**: 641, 1983

Foot, radiography

scintigraphic evaluation of diabetic osteomyelitis: concise communication (ab), Park H-M; Wheat LJ; Siddiqui AR; et al, **148**: 350, 1983

Foot, radionuclide studies

scintigraphic evaluation of diabetic osteomyelitis: concise communication (ab), Park H-M; Wheat LJ; Siddiqui AR; et al, **148**: 350, 1983

tarsal navicular stress fractures: radiographic evaluation, Pavlov H; Torg JS; Freiberger RH, **148**: 641, 1983

Foot, surgery

scintigraphic evaluation of diabetic osteomyelitis: concise communication (ab), Park H-M; Wheat LJ; Siddiqui AR; et al, **148**: 350, 1983

Foreign bodies

value of echography in diagnosis and follow-up of perforating eye lesions (ab), Riss B; Binder S, **148**: 890, 1983

Fractures

See also under names of individual bones
management of fractures in hemophilia (ab), Wolff LJ; Lovriek EW, **148**: 877, 1983

Fractures, pathology

lipomembranous polycystic osteodysplasia (brain, bone, and fat disease): a genetic cause of presenile dementia (ab), Bird TD; Koerker RM; Laird BJ; et al, **148**: 595, 1983

Fractures, stress

tarsal navicular stress fractures: radiographic evaluation, Pavlov H; Torg JS; Freiberger RH, **148**: 641, 1983

G

Gallbladder

See also Bile ducts

Gallbladder, calculi

abnormal gallbladder emptying in patients with gallstones (ab), Fisher RS; Stelzer F; Rock E; et al, **148**: 350, 1983

acute calculous cholecystitis with patent cystic duct, Massie JD; Moinuddin M; Phillips JC, (AJR), **141**: 39, 1983

cholelithiasis in childhood and adolescence (ab), Pollak R; Reyes HM; Pringles KC, **148**: 594, 1983

extrahepatic bile ducts in healthy subjects, in patients with cholelithiasis, and in postcholecystectomy patients: a prospective ultrasonic study (ab), Niederau C; Muller J; Sonnenberg A; et al, **148**: 891, 1983

nuclear magnetic resonance imaging characteristics of gallstones in vitro, Moon KL Jr; Hricak H; Margulis AR; Bernhoff R; Way LW; Filly RA; Crooks LE, **148**: 753, 1983

yield of screening urography in young women with urinary tract infection (ab), Newhouse JH; Rhea JT; Murphy RX; et al, **148**: 591, 1983

Gallbladder, computed tomography

hemobilia: computed tomographic diagnosis, Krudy AG; Dopman JL; Bissonette MB; Girton M, **148**: 785, 1983
sonography and computed tomography of hemorrhagic cholecystitis, Jenkins M; Golding RH; Cooperberg PL, (AJR), **140**: 1197, 1983

Gallbladder, inflammation

See Cholecystitis

Gallbladder, nuclear magnetic resonance (NMR)

nuclear magnetic resonance imaging characteristics of gallstones in vitro, Moon KL Jr; Hricak H; Margulis AR; Bernhoff R; Way LW; Filly RA; Crooks LE, **148**: 753, 1983

Gallbladder, radionuclide studies

abnormal gallbladder emptying in patients with gallstones (ab), Fisher RS; Stelzer F; Rock E; et al, **148**: 350, 1983

Gallbladder, ultrasound studies

gangrenous cholecystitis: diagnosis by ultrasound, Jeffrey RB; Liang FC; Wong W; Callen PW, **148**: 219, 1983
sonography and computed tomography of hemorrhagic cholecystitis, Jenkins M; Golding RH; Cooperberg PL, (AJR), **140**: 1197, 1983

Gallbladder, sonography

extrahepatic bile ducts in healthy subjects, in patients with cholelithiasis, and in postcholecystectomy patients: a prospective ultrasonic study (ab), Niederau C; Muller J; Sonnenberg A; et al, **148**: 891, 1983

Gallbladder, ultrasound

gangrenous cholecystitis: diagnosis by ultrasound, Jeffrey RB; Liang FC; Wong W; Callen PW, **148**: 219, 1983
sonography and computed tomography of hemorrhagic cholecystitis, Jenkins M; Golding RH; Cooperberg PL, (AJR), **140**: 1197, 1983

Gallbladder, radioactive

comparisons of scintigraphy with In-111 leukocytes and Ga-67 in the diagnosis of occult sepsis (ab), Sfakianakis GN; Al-Sheikh W; Heal A; et al, **148**: 349, 1983
gallium: gallium-67 uptake by the heart, Taillefer R; Dionne D, (SNM), **13**: 176, 1983

Gallstones

See Gallbladder, calculi

Gastric ulcer

See Peptic ulcer

Gastritis

chronic erosive gastritis—a recently recognized disorder (ab), Elta GH; Fawaz KA; Dayal Y; et al, **148**: 875, 1983
detection of gastritis by single- and double-contrast radiography, Thoeni RF; Goldberg HI; Ominsky S; Cello JP, **148**: 621, 1983

Gastroesophageal reflux

See Esophagus, reflux

Gastrointestinal tract, computed tomography

computed tomographic recognition of gastrointestinal pathology, Scanlon MH; Blumberg ML; Ostrum BJ, (RG), **3**: 201, 1983

Gastrointestinal tract, diseases

computed tomographic recognition of gastrointestinal pathology, Scanlon MH; Blumberg ML; Ostrum BJ, (RG), **3**: 201, 1983

Gastrointestinal tract, hemorrhage

reduced mortality from bleeding pseudocysts and pseudoaneurysms caused by pancreatitis (ab), Stabile BE; Wilson SE; Debs HT, **148**: 878, 1983

Gastrointestinal tract, neoplasms

tomosintigraphy for detecting gastrointestinal and mediastinal thyroid cancers: first clinical results using radiolabelled monoclonal antibodies against carcinoembryonic antigen (ab), Berche C; Mach J-P; Lumbrosi J-D; et al, **148**: 350, 1983
ultrasound diagnosis of hypertrophic pyloric stenosis (ab), Khamapirad T; Athey PA, **148**: 881, 1983

Gastrointestinal tract, obstruction

balloon-catheter dilatation of strictures in the upper digestive tract (ab), Gotberg S; Afzelius L-E; Hambræus G; et al, **148**: 333, 1983

Gastrointestinal tract, radiography

detection of gastritis by single- and double-contrast radiography, Thoeni RF; Goldberg HI; Ominsky S; Cello JP, **148**: 621, 1983

Gastrointestinal tract, radiography

gastrointestinal imaging in pediatrics. 2d ed. (bk rev). Franken EA Jr; Smith WL, eds. Reviewed by Teale RL. *JR*, 148: 428, 1983

gastrointestinal radiology: a pattern approach (bk rev). Eisenberg RL. Reviewed by Wyman AC. *JR*, 148: 632, 1983

Gastrointestinal tract, radionuclide studies

tomosintigraphy for detecting gastrointestinal and medullary thyroid cancers: first clinical results using radiolabelled monoclonal antibodies against carcinoembryonic antigen (ab). Berche C; Mach JP; Lumbruso J-D; et al. *JR*, 148: 350, 1983

Genitourinary system, computed tomography

complementary roles of radionuclide and computed tomographic imaging in evaluating trauma, Berg BC. (*SNM*), 13: 86, 1983

computed tomographic findings in suburoepithelial hemorrhage (ab). Miller V; Witten DM; Shin MS. *JR*, 148: 600, 1983

Genitourinary system, effects of drugs on

radiology of drug addiction: urinary tract complications, Streiter ML; Bosniak MA. (*SR*), 18: 221, 1983

Genitourinary system, infection

one-film urogram in urinary tract infection in children, Leonidas JC; Schwartz R; Schwartz AM; et al. (*JR*), 141: 61, 1983

yield of screening urography in young women with urinary tract infection (ab). Newhouse JH; Rhea JT; Murphy RX; et al. *JR*, 148: 591, 1983

Genitourinary system, injuries

surgeon's view of the role of radionuclide imaging in evaluating trauma, Roberts SS. (*SNM*), 13: 84, 1983

Genitourinary system, neoplasms

transabdominal fine needle aspiration and retroperitoneal lymph nodes in staging of genitourinary tract cancer (correlation with lymphography and lymph node dissection findings) (ab). Wajsman Z; Gammarra M; Park JJ; et al. *JR*, 148: 590, 1983

Genitourinary system, radiography

radiology of drug addiction: urinary tract complications, Streiter ML; Bosniak MA. (*SR*), 18: 221, 1983

Genitourinary system, radionuclide studies

complementary roles of radionuclide and computed tomographic imaging in evaluating trauma, Berg BC. (*SNM*), 13: 86, 1983

surgeon's view of the role of radionuclide imaging in evaluating trauma, Roberts SS. (*SNM*), 13: 84, 1983

Genitourinary system, stenosis

percutaneous nephrostomy in utero (ab). Vallancien G; Dumez Y; Aubry MC; et al. *JR*, 148: 592, 1983

Genitourinary tract

Se Genitourinary system; Urine; Urography; under names of organs, such as Bladder; Kidney

Glomus jugulare, neoplasms

digital subtraction angiography of glomus tympanicum and jugulare tumors, Carmody RF; Seeger JF; Horsley WW; et al. (*JNMR*), 4: 263, 1983

Glucagon

gastrroduodenal response to low-dose glucagon, Feczkó PJ; Simms SM; Iorio J; et al. (*JR*), 140: 935, 1983

Glucose

glucose utilization of cerebral gliomas measured by [F-18] fluorodeoxyglucose and positron emission tomography (ab). Di Chiro G; DeLaPaz RL; Brooks RA; et al. *JR*, 148: 595, 1983

Grafts

catheter angiography through prosthetic vascular grafts using a Teflon sheath, Schatzki SC. *JR*, 148: 565, 1983

nonvisualized nonoccluded graft, Schwarz W; McLean GK; Ring EJ; et al. (*JR*), 140: 979, 1983

Granuloma

sarcoidosis presenting as a lobular or unilateral lung infiltrate (ab). Demicco WA; Fanburg BL. *JR*, 148: 328, 1983

Wegener's granulomatosis: prospective clinical and therapeutic experience with 85 patients for 21 years (ab). Fauci AS; Haynes BF; Katz P; et al. *JR*, 148: 874, 1983

Granulomatosis

See Granuloma

Growth and development

See Bones, growth and development

Gynecology

unsuspected adnexal masses in renal transplant recipients (ab). Vaughan R; Henderson SC; Rahatzad M; et al. *JR*, 148: 330, 1983

H

Hamartoma

mesenchymal hamartoma of the liver identified by fetal sonography, Foucar E; Williamson RA; Yiu-Chiu V; et al. (*JR*), 140: 970, 1983

Hand, radiography

simple first metacarpophalangeal stress test, Curtis DJ; Downey EF Jr. *JR*, 148: 855, 1983

Head

See also Brain; Skull
Eagle syndrome, Lorman JG; Biggs JR. (*JR*), 140: 881, 1983

Head, computed tomography

adjustable computerized stereotactic brain atlas for transmission and emission tomography, Bohm C; Greitz T; Kingsley D; et al. (*JNMR*), 4: 731, 1983

aging, dementia, and brain atrophy: a longitudinal computed tomographic study, Gado M; Hughes CP; Danziger W; et al. (*JNMR*), 4: 699, 1983

anatomic applications of xenon-enhanced CT scanning: visual image analysis and brain-blood partition coefficient studies in man, Drayer BP; Friedman A; Osborne D; et al. (*JNMR*), 4: 577, 1983

brain atrophy in dementia judged by CT scan ranking, Gado M; Patel J; Hughes CP; et al. (*JNMR*), 4: 499, 1983

central nervous system changes after radiation therapy and/or chemotherapy: correlation of CT and autopsy findings, Wang A-M; Skian DD; Rumbaugh CL; et al. (*JNMR*), 4: 466, 1983

central pontine myelinolysis and rapid correction of hyponatremia (ab). Gross SG; Bell RD. *JR*, 148: 337, 1983

central pontine myelinolysis: correlation between CT and electrophysiologic data, Szentcel J; Baleriaux D; Borenstein S; et al. (*JNMR*), 4: 529, 1983

cerbral CT in fatal courses of resuscitated sudden infant death, Fiebach BJO; Dabir K; Hermie P; et al. (*JNMR*), 4: 689, 1983

cerbral venous sinus thrombosis: report of a case and review of the literature (ab), Jamai WK; Everhart FE Jr; Sanders JM Jr. *JR*, 148: 885, 1983

choroidal chondroma (ab), Clark WC; Robertson JH; Lara R. *JR*, 148: 884, 1983

choroidal osteoma, Bryan RN; Lewis RA; Miller SL. (*JNMR*), 4: 491, 1983

coarctation of the frontal horns with acute distension of the trigones (ab), Zenobio M; Lucantonio D; Galzio R; et al. *JR*, 148: 883, 1983

colloid cysts of the third ventricle: a radiologic-pathologic correlation (ab), Michels LG; Rutz D. *JR*, 148: 338, 1983

combined use of stereotactic CT and angiography for brain biopsies and stereotactic irradiation, Gabrauer H; Sturm V; Schlegel W; et al. (*JNMR*), 4: 715, 1983

comparison of computed sonographic tomography and pulse-echo imaging in the head, Dines KA; Fry RJ; Patrick JT; et al. (*JNMR*), 4: 675, 1983

complementary roles of radionuclide and computed tomographic imaging in evaluating trauma, Berg BC. (*SNM*), 13: 86, 1983

complications of citrobacter neonatal meningitis: assessment by real-time cranial sonography correlated with CT, Levine RS; Rosenberg HK; Zimmerman RA; et al. (*JNMR*), 4: 668, 1983

computed axial tomography scan demonstration of cerebral edema in eclampsia preceded by blindness (ab), Beeson JH; Duda EE. *JR*, 148: 337, 1983

computed tomographic evaluation of corpus callosum agenesis and associated malformations (ab), Larsen PD; Osborn AG. *JR*, 148: 883, 1983

computed tomographic findings in cerebral arterial ectasia, Goldstein SJ; Sacks JG; Lee C; et al. (*JNMR*), 4: 501, 1983

computed tomography in spastic cerebral palsy (ab), Pedersen H; Taudorf K; Melchior JC. *JR*, 148: 879, 1983

computed tomography in the investigation of dementia (ab), Bradshaw JR; Thomson JL; Campbell MJ. *JR*, 148: 884, 1983

computed tomography in the planning and evaluation of therapeutic stereotactic surgical procedures of the brain, Osborne DR; Iacono R; Nashold BS; et al. (*JNMR*), 4: 807, 1983

computed tomography of anorexia nervosa, Kohlmeier K; Lehmkohl G; Poutska F. (*JNMR*), 4: 437, 1983

computed tomography of chiasmal optic neuritis, Edwards MK; Gilmor RL; Franco JM. (*JNMR*), 4: 816, 1983

computed tomography of olivopontocerebellar degeneration, Savoardo M; Bracci M; Passerini A; et al. (*JNMR*), 4: 509, 1983

computed tomography of the anteverted internal auditory canal, Silver AJ; Jahn AF; Sane P; et al. (*JNMR*), 4: 513, 1983

computed tomography of Wilson disease, Kvicala V; Vymazal J; Nevsimalova S. (*JNMR*), 4: 429, 1983

cortical atrophy in Parkinson disease: correlation between clinical and CT findings with special emphasis on prefrontal atrophy, Adam P; Fabre N; Guell A; et al. (*JNMR*), 4: 442, 1983

cranial computed tomography (bk rev), Lee SH; Rao KCVG. Reviewed by

Hammerschlag SB; Barr JW. *JR*, 148: 460, 1983

cranial computed tomography in disorders of complex carbohydrate metabolism and related storage disease, Ludwig B; Kishikawa T; Wende S; et al. (*JNMR*), 4: 431, 1983

CT changes associated with migraine, du Boulay GH; Ruiz JS; Rose FC; et al. (*JNMR*), 4: 472, 1983

CT characteristics of a transplantable canine glioma model: preliminary kinetic analysis, Salcman M; Rao KCVG; Scott EW; et al. (*JNMR*), 4: 786, 1983

CT diagnosis of basilar artery occlusion, Vonofakos D; Marc H; Hacker H. (*JNMR*), 4: 525, 1983

CT measurement of the normal ventricular system in prematurity infants, Lovrencic M; Schmutzler L. (*JNMR*), 4: 683, 1983

CT of lightning injury, Mann H; Kozic Z; Boulos MI. (*JNMR*), 4: 976, 1983

CT of the brain in taste and smell dysfunction, Schellinger D; Henkin RT; Smirniotopoulos JG. (*JNMR*), 4: 752, 1983

CT of the normal brain in preterm infants, El-Tatwy S; Shukry AS; Badrawi N; et al. (*JNMR*), 4: 685, 1983

CT parenchymal abnormalities in bacterial meningitis: clinical significance (ab), Packer RJ; Bilaniuk LT; Zimmerman RA. *JR*, 148: 593, 1983

CT: to enhance or not to enhance? a computer-aided study, du Boulay GH; Teather D; Wills K. (*JNMR*), 4: 421, 1983

delineation of unruptured cerebral aneurysms by computerized angiography (ab), Asari S; Satoh T; Sakurai M; et al. *JR*, 148: 339, 1983

direct intracranial sagittal and coronal CT scanning: anatomy and pathology, Bluum RG. (*JNMR*), 4: 484, 1983

direct visualization of intracranial aneurysms by multiplane dynamic CT, Vonofakos D; Hacker H; Grau H. (*JNMR*), 4: 425, 1983

Dyke award: influence of fiber tracts on the CT appearance of cerebral edema: anatomic-pathologic correlation, Cowley AR. (*JNMR*), 4: 915, 1983

dynamic CT in patients with superficial temporal-middle cerebral artery anastomosis, Takahashi N; Kikuchi H; Karasawa J. (*JNMR*), 4: 454, 1983

efficacy of CT in the diagnosis of vascular dementia, Glatt SL; Lantos G; Danziger A; et al. (*JNMR*), 4: 703, 1983

evaluation of the brainstem with high-resolution CT in cerebellar atrophic processes, Abe S; Miyasaka K; Tashiro K; et al. (*JNMR*), 4: 446, 1983

false-positive CT gas cisternogram, Robertson HJ; Hatten HP Jr; Keating JW. (*JNMR*), 4: 474, 1983

Heart, hypertrophy

- high resolution computed tomography of the intrasellar contents: normal, near normal and abnormal; Swartz JD; Russell KB; Basile BA; et al, (RG), 3: 228, 1983
- high-resolution CT investigation of nonchromaffin paragangliomas of the temporal bone; Valavanis A; Schubiger O; Oguz M, (AJNR), 4: 516, 1983
- high-resolution CT scanning of facial trauma; Cooper PW; Kassel EE; Gruss JS, (AJNR), 4: 495, 1983
- hydrocephalus as a cause of disturbances of gait in the elderly (ab); Fisher CM, 148: 596, 1983
- importance of auditory brainstem responses in the CT diagnosis of traumatic brainstem lesions; Zuccarello M; Fiore DL; Pardatscher K; et al, (AJNR), 4: 481, 1983
- intracranial cavernous hemangiomas: neuroradiologic review of 36 operated cases; Savoirdo M; Strada L; Passerini A, (AJNR), 4: 945, 1983
- lobar intracerebral hematomas: clinical and CT analysis of 22 cases (ab); Kase CS; Williams JP; Wyatt DA; et al, 148: 339, 1983
- management of traumatic intracranial haemorrhage (ab); Teasdale G; Galbraith S; Murray L; et al, 148: 337, 1983
- Minamata disease (organic mercury poisoning): neuroradiologic and electrophysiologic studies (ab); Tokumori H; Uchino M; Imamura S; et al, 148: 884, 1983
- morphologic cerebral changes in patients undergoing dialysis for renal failure; Kretzschmar K; Nix W; Zschiedrich H; et al, (AJNR), 4: 439, 1983
- neuro-ophthalmologic signs and symptoms of cysticercosis (ab); Keane JR, 148: 338, 1983
- NMR demonstration of cerebral abnormalities: comparison with CT; Brant-Zawadzki M; Davis PL; Crooks LE; et al, (AJR), 140: 847, 1983
- NMR imaging of experimental brain abscess: comparison with CT; Brant-Zawadzki M; Enzmann DR; Placone RC Jr; et al, (AJNR), 4: 250, 1983
- noninvasive evaluation of extra-/intracranial anastomoses by dynamic CT and Doppler sonography; Mehdorn HM; Spira G; Jamjoom ZA; et al, (AJNR), 4: 857, 1983
- paramedian hourglass epidermoid extending above and below the tentorium (ab); Albanese V; Tomassello F; Picozzi P; et al, 148: 598, 1983
- positron emission tomography in systemic lupus erythematosus: relation of cerebral vasculitis to PET findings; Hiraiwa M; Nonaka C; Abe T; et al, (AJNR), 4: 541, 1983
- postural displacement of the brain: feasibility of using CT for determination of stereotaxic coordinates; Tamperi D; Bergstrand G, (AJNR), 4: 725, 1983
- radiology of primary intracranial yolk-sac (endodermal sinus) tumors; Hildenbrand PG; Gabrilian TO; Dorovini-Ziki K; et al, (AJNR), 4: 991, 1983
- regional correlation of PET and CT in senile dementia of the Alzheimer type; de Leon MJ; George AE; Ferris SH; et al, (AJNR), 4: 553, 1983
- short term, high dose corticosteroids in computed tomographic staging of experimental brain abscess (ab); Lyons BE; Enzmann DR; Britt RH; et al, 148: 337, 1983
- special article: high-resolution CT of lesions of the optic nerve; Peyster RG; Hoover ED; Hershey BL; et al, (AJR), 140: 869, 1983
- steroid-induced remissions in CNS lymphoma (ab); Singh A; Stroboff RJ; Singh BM; et al, 148: 596, 1983
- three-dimensional neuroanatomic images in CT-guided stereotactic neurosurgery; Giorgi C; Broggi G; Garibotti G; et al, (AJNR), 4: 719, 1983
- thrombosed arteriovenous malformations of the brain (ab); Wharen RE Jr; Scheithauer B; Laws ER Jr, 148: 339, 1983
- toxoplasma encephalitis in Haitian adults with acquired immunodeficiency syndrome: a clinical-pathologic-CT correlation; Post MJ; Chan JC; Hensley GT; et al, (AJR), 140: 861, 1983
- unusual computed tomographic presentation of cerebral toxoplasmosis; Mazer S; Araujo JC; Ribeiro RC; et al, (AJNR), 4: 458, 1983
- unusual presentation of cervical chordoma with long-term survival (ab); Shallat RF; Taekman MS; Nagle RC, 148: 596, 1983
- use of invasive neuroradiological investigations in patients with normal computerised tomography (ab); Tatler GLV; Mosley LF, 148: 337, 1983
- voluminous intracranial chondroma (ab); Campora SA; Troisi F; Fusco G; et al, 148: 338, 1983
- Head, injuries**
- brain scintigraphy in the diagnosis of the sequelae of head trauma; Silberstein EB, (SNM), 13: 153, 1983
- complementary roles of radionuclide and computed tomographic imaging in evaluating trauma; Berg BC, (SNM), 13: 86, 1983
- CT of lightning injury; Mann H; Kozic Z; Boulos MI, (AJNR), 4: 976, 1983
- importance of auditory brainstem responses in the CT diagnosis of traumatic brainstem lesions; Zuccarello M; Fiore DL; Pardatscher K; et al, (AJNR), 4: 481, 1983
- management of traumatic intracranial haemorrhage (ab); Teasdale G; Galbraith S; Murray L; et al, 148: 337, 1983
- Head, nuclear magnetic resonance (NMR) studies**
- nuclear magnetic resonance (NMR): a gray scale model for head images; Droege RT; Wiener SN; Rzeszotski MS; Holland GN; Young IR, 148: 763, 1983
- Head, radionuclide studies**
- complementary roles of radionuclide and computed tomographic imaging in evaluating trauma; Berg BC, (SNM), 13: 86, 1983
- Head, ultrasound studies**
- comparison of computed sonographic tomography and pulse-echo imaging in the head; Dines KA; Fry FJ; Patrick JT; et al, (AJNR), 4: 675, 1983
- complications of citrobacter neonatal meningitis: assessment by real-time cranial sonography correlated with CT; Levine RS; Rosenberg HK; Zimmerman RA; et al, (AJNR), 4: 668, 1983
- Headache**
- chondroid chordoma (ab); Clark WC; Robertson JH; Lara R, 148: 884, 1983
- Heart**
- See also Coronary vessels; Myocardium; Pericardium
- Heart, abnormalities**
- aneurysmal bulging of the interatrial septum in a newborn infant with arteriovenous fistula and congestive heart failure (ab); Sapire DW; Casta D, 148: 594, 1983
- clinical and echocardiographic features of pulmonary valve endocarditis (ab); Nekamura K; Satomi G; Sakai T; et al, 148: 890, 1983
- comparative hemodynamic effect of metrizamide and Renografin 76 in infants with congenital heart disease; Baltaxe HA; Mooring P; Kugler J; et al, (AJR), 140: 1097, 1983
- congenital aneurysms of the left atrium: recognition by cross-sectional echocardiography (ab); Foale RA; Gibson TC; Guyer DE; et al, 148: 346, 1983
- cross-sectional echocardiographic diagnosis and subclassification of univentricular hearts: imaging studies of atrioventricular valves, septal structures and rudimentary outflow chambers (ab); Sahn DJ; Harder JR; Freedman RM; et al, 148: 746, 1983
- fetal echocardiography (ab); Kleinman CS; Donnerstein RL; Jaffe CC; et al, 148: 892, 1983
- prenatal ultrasound diagnosis of hypoplastic left heart syndrome in utero associated with hydrops fetalis (ab); Sahn DJ; Shenker L; Reed KL; et al, 148: 604, 1983
- two-dimensional echocardiographic assessment of dextrocardia: a segmental approach (ab); Huhta JC; Hagler DJ; Seward JB; et al, 148: 593, 1983
- two-dimensional echocardiographic identification of pulmonary artery branch stenosis (ab); Tinker DD; Nanda NC; Harris JP; et al, 148: 345, 1983**
- Heart, catheterization**
- two-dimensional echocardiographic identification of pulmonary artery branch stenosis (ab); Tinker DD; Nanda NC; Harris JP; et al, 148: 345, 1983
- Heart, computed tomography**
- CT of intracardiac and intrapericardial masses; Gross BH; Glazer GM; Francis IR, (AJR), 140: 903, 1983
- role of computed tomography in the diagnosis of intracardiac thrombi (ab); DiGuglielmo L; Montemartini C; Vadala G; et al, 148: 342, 1983
- Heart, dilatation**
- noninvasive detection of proximal pulmonary artery thrombosis by two-dimensional echocardiography and computerized tomography (ab); DiCarlo LA Jr; Schiller NB; Herfkens RL; et al, 148: 345, 1983
- Heart, diseases**
- comparative hemodynamic effect of metrizamide and Renografin 76 in infants with congenital heart disease; Baltaxe HA; Mooring P; Kugler J; et al, (AJR), 140: 1097, 1983
- computerized M-mode echocardiographic analysis of left ventricular dysfunction in cardiac amyloid (ab); St. John Sutton MG; Reichek N; Kastor JA; et al, 148: 346, 1983
- left ventricular end-systolic pressure-dimension relation in patients with thalassemia major (ab); Borow KM; Propper R; Bierman FZ; et al, 148: 346, 1983
- Heart, effects of drugs on**
- cardiac and vascular involvement in drug abuse; Jaffe RB, (SR), 18: 207, 1983
- Heart, ejection fraction**
- coronary artery disease: detection by phase analysis of rest/exercise radionuclide angiograms; Turner DA; Shima MA; Ruggie N; Von Behren PL; Jarosky MJ; Ali A; Groch MW; Messer JV; Fordham EW, 148: 539, 1983
- failure of the aortic valve to open during inspiration in cardiac tamponade (ab); Schindler DM; Reddy K; Schindler Ol; et al, 148: 603, 1983
- gamut: cardiac imaging—decrease in the left ventricular ejection fraction after exercise; Dennis JB; Winzelberg GG, (SNM), 13: 292, 1983
- gamut: cardiac imaging—diminished resting left ventricular ejection fraction; Dennis JB; Winzelberg GG, (SNM), 13: 290, 1983
- new therapy for acute myocardial infarction: intracoronary thrombolysis (ab); Fuentes E; Smalling RW; Freund GC; et al, 148: 874, 1983
- radionuclide ejection fraction: comparison of response to treadmill and bicycle exercise (ab); Freeman A; Giles R; McIlveen B; et al, 148: 350, 1983
- Heart, failure**
- aneurysmal bulging of the interatrial septum in a newborn infant with arteriovenous fistula and congestive heart failure (ab); Sapire DW; Casta D, 148: 594, 1983
- ultrasound assessment of liver veins in congestive heart failure (ab); Henriksson L; Hedman A; Johansson R; et al, 148: 603, 1983
- Heart, flow dynamics**
- can tracking of contrast echocardiographic targets be used to measure intracardiac flow velocities (ab); Valdes-Cruz LM; Sahn DJ; Horowitz S; et al, 148: 890, 1983
- diagnosis of functional tricuspid insufficiency by pulsed-wave Doppler ultrasound (ab); Garcia-Dorado D; Falzgraf S; Almazan A; et al, 148: 603, 1983
- prenatal ultrasound diagnosis of hypoplastic left heart syndrome in utero associated with hydrops fetalis (ab); Sahn DJ; Shenker L; Reed KL; et al, 148: 604, 1983
- Heart, hypertrophy**
- dimensional correlates of left ventricular dilation in the presence of hypertrophy (ab); Al-Nouri MB; Ford LE; Wix H, 148: 891, 1983
- noninvasive detection of proximal pulmonary artery thrombosis by two-dimensional echocardiography and computerized tomography (ab); DiCarlo LA Jr; Schiller NB; Herfkens RL; et al, 148: 345, 1983

Heart, injuries

Heart, injuries

role of cardiovascular nuclear medicine in evaluating trauma and the postoperative patient, Simon TR; Parkey RW; Lewis SE; (SNM), 13: 123, 1983
two-dimensional echocardiographic findings in cardiac trauma (ab), Miller FA Jr; Seward JB; Gersh BJ; et al, 148: 345, 1983

Heart, ischemia

ischemic and postischemic ventricular wall motion abnormalities in Prinzmetal's angina provoked by hyperventilation (ab), Egebärd H; Vilhelmsen R; Mortensen SA, 148: 346, 1983
two-dimensional echocardiographic recognition of papillary muscle fibrosis in pediatric patients (ab), Riggs TW; Berry TE; Paul MH, 148: 880, 1983

Heart, neoplasms

CT of intracardiac and intrapericardial masses, Gross BH; Glazer GM; Francis IR; (AJR), 140: 903, 1983
left ventricular myxoma: M-mode and two-dimensional echocardiographic features (ab), Mazer MS; Harrigan PR, 148: 347, 1983
space-occupying lesions of the myocardium: role of two-dimensional echocardiography in detection of cardiac tumors in children (ab), Duncan WJ; Rowe RD; Freedom RM; et al, 148: 594, 1983
two-dimensional echocardiographic identification of pulmonary artery branch stenosis (ab), Tinker DD; Nanda NC; Harris JP; et al, 148: 345, 1983
two-dimensional echocardiography of intracardiac masses: echo pattern—histopathology correlation (ab), Bhandari AK; Nanda NC; Hicks DG, 148: 603, 1983

Heart, pacemakers

pacemaker failure resulting from radiation damage, Quertermous T; Megahy MS; Das Gupta DS; Griem ML, 148: 257, 1983

Heart, physiology

computerized M-mode echocardiographic analysis of left ventricular dysfunction in cardiac amyloid (ab), St. John Sutton MG; Reichek N; Kastor JA; et al, 148: 346, 1983
cross-sectional echocardiographic diagnosis and subclassification of univentricular hearts: imaging studies of atrioventricular valves, septal structures and rudimentary outflow chambers (ab), Sahn DJ; Harder JR; Freedom RM; et al, 148: 346, 1983
echocardiographic study of right ventricular wall motion in cardiac tamponade (ab), Engel PJ; Hon H; Fowler NO; et al, 148: 345, 1983

experimental myocardial ischemia II:

radiographic contrast media toxicity (ab), Serur JR; Als AV; Paulin S, 148: 328, 1983

left ventricular end-systolic pressure-dimension relation in patients with thalassemia major (ab), Borow KM; Propper R; Bierman FZ; et al, 148: 346, 1983
M-mode echocardiography in left bundle branch block: significance of frontal plane QRS axis (ab), Strasberg B; Rich S; Lam W; et al, 148: 345, 1983

normal left atrial function determined by 2-dimensional echocardiography (ab), Gutman J; Wang YS; Wahr D; et al, 148: 891, 1983

regional status of blood in the dysfunctional left ventricle: echocardiographic detection and differentiation from early thrombosis (ab), Mikell FL; Asinger RW; Elsperger KJ; et al, 148: 346, 1983

subcostal M-mode echocardiography of the right atrial wall in the diagnosis of cardiac arrhythmias (ab), Drinkovic N, 148: 344, 1983

two-dimensional echocardiographic analysis of segmental left ventricular wall motion before and after coronary artery bypass surgery (ab), Rubenson DS; Tucker CR; London E; et al, 148: 347, 1983

Heart, prosthesis

detection of atrioventricular disc valve malfunction by two-dimensional echocardiography (ab), Mehlan DJ; Talano JV, 148: 603, 1983

Heart, radiography

cardiac imaging in infants and children (bk rev), Kelley MJ; Jaffe CC; Kleinman CS; Reviewed by Hernandez R, 148: 416, 1983

Heart, radionuclide studies

comparison of 180° and 360° data collection in thallium-201 imaging using single-photon emission computerized tomography (SPECT): concise communication (ab), Coleman RE; Jaschinski RJ; Cobb FR, 148: 606, 1983

coronary artery disease: detection by phase analysis of rest/exercise radionuclide angiograms, Turner DA; Shima MA; Ruggie N; Von Behren PL; Jarosky MJ; Ali A; Groch MW; Messer JV; Fordham EW, 148: 539, 1983

gamut: cardiac imaging—decrease in the left ventricular ejection fraction after exercise, Dennis JB; Winzelberg GG, (SNM), 13: 292, 1983

gamut: cardiac imaging—diminished resting left ventricular ejection fraction, Dennis JB; Winzelberg GG, (SNM), 13: 290, 1983

gamut: gallium-67 uptake by the heart, Taileifer R; Dionne D, (SNM), 13: 176, 1983

gamut: photon-deficient areas around the heart, Winzelberg GG, (SNM), 13: 174, 1983

myocardial rupture after myocardial infarction (ab), Nicod P; Corbett J; Leachman R; et al, 148: 349, 1983

radionuclide angiography: an improved deconvolution technique for improvement after suboptimal bolus injection, experimental results in dogs with and without atrial septal defects, Kuruc A; Treves S; Parker JA; Cheng C; Sawan A, 148: 233, 1983

radionuclide ejection fraction: comparison of response to treadmill and bicycle exercise (ab), Freeman A; Giles R; McIlveen B; et al, 148: 350, 1983

role of cardiovascular nuclear medicine in evaluating trauma and the postoperative patient, Simon TR; Parkey RW; Lewis SE, (SNM), 13: 123, 1983

Heart, rhythm

amiodarone pulmonary toxicity (ab), Marchlinski FE; Gansler TS; Waxman HL; et al, 148: 589, 1983

fetal echocardiography (ab), Kleinman CS; Donnerstein RL; Jaffe CC; et al, 148: 892, 1983

intruterine and postnatal atrial fibrillation in the Wolff-Parkinson-White syndrome (ab), Belhassen B; Pauzner O; Bleden L; et al, 148: 348, 1983

intruterine supraventricular tachycardia: cardioversion with maternal digoxin (ab), Heaton FC; Vaughn R, 148: 604, 1983

multiple coronary vasospasm: a cause of repeated myocardial infarction and symptomatic "torsade de pointes" (atypical ventricular tachycardia) (ab), Przybojewski JZ, 148: 874, 1983

subcostal M-mode echocardiography of the right atrial wall in the diagnosis of cardiac arrhythmias (ab), Drinkovic N, 148: 344, 1983

Heart, rupture

myocardial rupture after myocardial infarction (ab), Nicod P; Corbett J; Leachman R; et al, 148: 349, 1983

Heart, size

See Heart, volume

Heart, surgery

effect of cardiac surgery on ventricular septal motion: assessment by intraoperative echocardiography and cross-sectional two-dimensional echocardiography (ab), Waggoner AD; Shah AA; Schuessler JS; et al, 148: 891, 1983

rib fractures in coronary bypass patients: radionuclide detection, Greenwald LV; Baisden CE; Symbas PN, 148: 553, 1983

Heart, tamponade

echocardiographic study of right ventricular wall motion in cardiac tamponade (ab), Engel PJ; Hon H; Fowler NO; et al, 148: 345, 1983

failure of the aortic valve to open during inspiration in cardiac tamponade (ab), Schindler DM; Reddy K; Schindler OL; et al, 148: 603, 1983

Heart, thrombus

See Thrombosis, cardiac

Heart, ultrasound studies

assessment of transesophageal pulsed Doppler echocardiography in the detection of mitral regurgitation (ab), Schlüter M; Langenstein BA; Hanrath P; et al, 148: 346, 1983

can tracking of contrast echocardiographic targets be used to measure intracardiac flow velocities (ab), Valdes-Cruz LM; Sahn DJ; Horowitz S; et al, 148: 890, 1983

carcinoid heart disease: diagnosis of two-dimensional echocardiography (ab), Howard RJ; Drobac M; Rider WD; et al, 148: 344, 1983

clinical and echocardiographic features of pulmonary valve endocarditis (ab), Nekamura K; Satomi G; Sakai T; et al, 148: 890, 1983

computerized M-mode echocardiographic analysis of left ventricular dysfunction in cardiac amyloid (ab), St. John Sutton MG; Reichek N; Kastor JA; et al, 148: 346, 1983

congenital aneurysms of the left atrium: recognition by cross-sectional echocardiography (ab), Foale RA; Gibson TC; Guyer DE; et al, 148: 346, 1983

conotruncal malformations: diagnosis in infancy using subxiphoid 2-dimensional echocardiography (ab), Sanders SP; Bierman FZ; Williams RG, 148: 881, 1983

contrast echocardiography (ab), Roelandt J, 148: 344, 1983

cross-sectional echocardiographic diagnosis and subclassification of univentricular hearts: imaging studies of atrioventricular valves, septal structures and rudimentary outflow chambers (ab), Sahn DJ; Harder JR; Freedom RM; et al, 148: 346, 1983

detection of atrioventricular disc valve malfunction by two-dimensional echocardiography (ab), Mehlan DJ; Talano JV, 148: 603, 1983

detection of mild aortic regurgitation by range-gated pulsed Doppler echocardiography (ab), Esper RJ, 148: 347, 1983

diagnosis of functional tricuspid insufficiency by pulsed-wave Doppler ultrasound (ab), Garcia-Dorado D; Falzgraf S; Almazan A; et al, 148: 603, 1983

dimensional correlates of left ventricular dilation in the presence of hypertension (ab), Al-Nouri MB; Ford LE; Wix H, 148: 891, 1983

distortions of ultrasonic field introduced by the rib cage in echocardiography (ab), Savakus AD; Shung KK; Miller NB, 148: 605, 1983

early diagnosis of nontransmural myocardial infarction by two-dimensional echocardiography (ab), Loh IK; Charuzi Y; Beeder C; et al, 148: 344, 1983

echocardiographic features of carcinoid heart disease (ab), Callahan JA; Wroblewski EM; Reeder GS; et al, 148: 344, 1983

echocardiographic identification of right-sided cardiac intracavitary thromboembolus in massive pulmonary embolism (ab), Starkey IR; de Bono DP, 148: 603, 1983

echocardiographic study of right ventricular wall motion in cardiac tamponade (ab), Engel PJ; Hon H; Fowler NO; et al, 148: 345, 1983

echocardiography reveals a high incidence of bicuspid aortic valve in Turner syndrome (ab), Miller MJ; Geffner ME; Lippe BM; et al, 148: 881, 1983

effect of beam directional alterations on left ventricular shortening fraction (ab), Hoenecke HR Jr; Goldberg SJ; Sahn DJ; et al, 148: 347, 1983

effect of cardiac surgery on ventricular septal motion: assessment by intraoperative echocardiography and cross-sectional two-dimensional echocardiography (ab), Waggoner AD; Shah AA; Schuessler JS; et al, 148: 891, 1983

ein- und zweidimensionale klinische echokardiographie (bk rev), Jadonic B; Wieser HX; Reviewed by Oestreich AE, 148: 528, 1983

enhanced detection of the evolution of tissue changes after acute myocardial infarction using color-encoded two-dimensional echocardiography (ab), Parisi AF; Nieminen M; O'Boyle JE; et al, 148: 344, 1983

epidelial mapping of segmental myocardial function: an echocardiographic method applicable in man (ab), Likoff M; Reichek N; St. John Sutton M; et al, 148: 344, 1983

Hormones

- evaluation of changes in left ventricular end-diastolic pressure by left atrial two-dimensional echocardiography (ab), Haendchen RV; Povzhitkov M; Meerbaum S; et al, **148**: 346, 1983
- evaluation of infradiaphragmatic total anomalous pulmonary venous connection with two-dimensional echocardiography (ab), Snider AR; Silverman NH; Turley K; et al, **148**: 593, 1983
- evaluation of tricuspid regurgitation by pulsed Doppler and two-dimensional echocardiography (ab), Miyatake K; Okamoto M; Kinoshita N; et al, **148**: 344, 1983
- exercise 2-dimensional echocardiography: quantitation of left ventricular performance in patients with severe angina pectoris (ab), Crawford MH; Amon KW; Vance WS, **148**: 891, 1983
- failure of the aortic valve to open during inspiration in cardiac tamponade (ab), Schindler DM; Reddy K; Schindler OI; et al, **148**: 603, 1983
- ischemic and postischemic ventricular wall motion abnormalities in Prinzmetal's angina provoked by hyperventilation (ab), Egebärd H; Vilhelmsen R; Mortensen SA, **148**: 346, 1983
- left ventricular myxoma: M-mode and two-dimensional echocardiographic features (ab), Mazer MS; Harrigan PR, **148**: 347, 1983
- M-mode echocardiography in left bundle branch block: significance of frontal plane QRS axis (ab), Strasberg B; Rich S; Lam W; et al, **148**: 345, 1983
- myocardial perfusion evaluated by contrast echocardiography (ab), Klicpera M; Glogar D; Mayr H; et al, **148**: 602, 1983
- noninvasive detection of proximal pulmonary artery thrombosis by two-dimensional echocardiography and computerized tomography (ab), DiCarlo LA Jr; Schiller NB; Herfkens RL; et al, **148**: 345, 1983
- normal left atrial function determined by 2-dimensional echocardiography (ab), Gutman J; Wang YS; Wahr D; et al, **148**: 891, 1983
- regional stasis of blood in the dysfunctional left ventricle: echocardiographic detection and differentiation from early thrombosis (ab), Mikell FL; Asinger RW; Elsperger KJ; et al, **148**: 346, 1983
- space-occupying lesions of the myocardium: role of two-dimensional echocardiography in detection of cardiac tumors in children (ab), Duncan WJ; Rowe RD; Freedman RM; et al, **148**: 594, 1983
- subcostal M-mode echocardiography of the right atrial wall in the diagnosis of cardiac arrhythmias (ab), Drinkovic N, **148**: 344, 1983
- two-dimensional echocardiographic analysis of segmental left ventricular wall motion before and after coronary artery bypass surgery (ab), Rubenson DS; Tucker CR; London E; et al, **148**: 347, 1983
- two-dimensional echocardiographic assessment of dextrocardia: a segmental approach (ab), Huhta JC; Hagler DJ; Seward JB; et al, **148**: 593, 1983
- two-dimensional echocardiographic evaluation of aneurysms of the descending thoracic aorta (ab), Illiceto S; Antonelli G; Biasco G; et al, **148**: 347, 1983
- two-dimensional echocardiographic evaluation of persistent truncus arteriosus (ab), Marin-Garcia J; Tonkin ILD, **148**: 880, 1983
- two-dimensional echocardiographic features of coronary arteriovenous fistula (ab), Rodgers DM; Wolf NM; Barret MJ; et al, **148**: 345, 1983
- two-dimensional echocardiographic features of interruption of the aortic arch (ab), Riggs TW; Berry TE; Aziz KU; et al, **148**: 594, 1983
- two-dimensional echocardiographic findings in cardiac trauma (ab), Miller FA Jr; Seward JB; Gersh BJ; et al, **148**: 345, 1983
- two-dimensional echocardiographic identification of high anatomically inserted venous atrioventricular valve in the diagnosis of corrected transposition of the great arteries (ab), Motro M; Schneeweiss A; Shem-Tov A; et al, **148**: 603, 1983
- two-dimensional echocardiographic identification of pulmonary artery branch stenosis (ab), Tinker DD; Nanda NC; Harris JP; et al, **148**: 345, 1983
- two-dimensional echocardiographic prospective diagnosis of common truncus arteriosus in infants (ab), Riggs TW; Paul MH; Pajcic S, **148**: 880, 1983
- two-dimensional echocardiographic recognition of papillary muscle fibrosis in pediatric patients (ab), Riggs TW; Berry TE; Paul MH, **148**: 880, 1983
- two-dimensional echocardiography of intracardiac masses: echo pattern—histopathology correlation (ab), Bhandari AK; Nanda NC; Hicks DG, **148**: 603, 1983
- ultrasound imaging of the coronary arteries in open-chest humans: evaluation of coronary atherosclerotic lesions during cardiac surgery (ab), Sahn DJ; Barratt-Boyce BG; Graham K; et al, **148**: 345, 1983
- value of two-dimensional echocardiography in detecting tricuspid stenosis (ab), Nanna M; Chandraratna PA; Reid C; et al, **148**: 890, 1983
- Heart, valves**
- cross-sectional echocardiographic diagnosis and subclassification of univentricular hearts: imaging studies of atrioventricular valves, septal structures and rudimentary outflow chambers (ab), Sahn DJ; Harder JR; Freedom RM; et al, **148**: 346, 1983
- detection of atrioventricular disc valve malfunction by two-dimensional echocardiography (ab), Mehlman DJ; Talano JV, **148**: 603, 1983
- prenatal ultrasound diagnosis of hypoplastic left heart syndrome in utero associated with hydronephrosis (ab), Sahn DJ; Shenker L; Reed KL; et al, **148**: 604, 1983
- Heart, volume**
- computerized M-mode echocardiographic analysis of left ventricular dysfunction in cardiac amyloidosis (ab), St John Sutton MG; Reichek N; Kastor JA; et al, **148**: 346, 1983
- effect of beam directional alterations on left ventricular shortening fraction (ab), Hoenecke HR Jr; Goldberg SJ; Sahn DJ; et al, **148**: 347, 1983
- evaluation of changes in left ventricular end-diastolic pressure by left atrial two-dimensional echocardiography (ab), Haendchen RV; Povzhitkov M; Meerbaum S; et al, **148**: 346, 1983
- Hemangiobendothelioma**
- review: infantile hemangiobendothelioma of the liver: a radiologic-pathologic-clinical correlation, Dachman AH; Lichtenstein IE; Friedman AC; et al, **140**: 1091, 1983
- Hemangioma**
- See Angioma
- Hemangiopericytoma**
- preoperative embolization of retroperitoneal hemangiopericytomas as an aid in their removal (ab), Smullens SN; Scotti DJ; Osterholm JL; et al, **148**: 333, 1983
- Hematoma**
- See as hemorrhage under names of organs and regions, such as Brain, hemorrhage
- Hematopoiesis, extramedullary**
- spinal epidural extramedullary hematopoiesis with spinal cord compression in a patient with refractory sideroblastic anemia (ab), Heffez DS; Sawaya R; Udvarhelyi GB; et al, **148**: 338, 1983
- Hematuria**
- hemophilia and the kidney: assessment after 11-year follow-up (ab), Small M; Rose PE; McMillan N; et al, **148**: 876, 1983
- Hemophilia**
- computed tomography in hemophilic pseudotumor (ab), Pettersson H; Ahlberg A, **148**: 601, 1983
- hemophilia and the kidney: assessment after 11-year follow-up (ab), Small M; Rose PE; McMillan N; et al, **148**: 876, 1983
- management of fractures in hemophilia (ab), Wolff LJ; Lovrien EW, **148**: 877, 1983
- Hemoptysis**
- See Lung, hemorrhage
- Hemorrhage, radionuclide studies**
- blood loss measured with indium-111-labeled red blood cells in dogs, Beckman RL; Pittenger GL; Swanson DP; Thrall JH; Fiddian-Green RG, **148**: 243, 1983
- Heparin**
- massive pulmonary embolism: treatment with full heparinization and topical low-dose streptokinase, Vujic I; Young JWR; Gobien RP; Dawson WT; Liebscher L; Shelley BE Jr, **148**: 671, 1983
- Hepatitis**
- nuclear magnetic resonance imaging of experimentally induced liver disease, Stark DD; Bass NM; Moss AA; Bacon BR; McKerrow JH; Cann CE; Brito A; Goldberg HI, **148**: 743, 1983
- Heredity**
- See Familial conditions
- Hernia, diaphragmatic**
- agenesis of the diaphragm (ab), Hatzitheofiliou C; Conlan AA; Nicolaou N, **148**: 594, 1983
- congenital diaphragmatic hernia diagnosed prenatally by ultrasound, Chinn DH; Filly RA; Callen PW; Nakayama DK; Harrison MR, **148**: 119, 1983
- Hilus, computed tomography**
- CT anatomy of hilar lymphadenopathy, Sone S; Higashihara T; Morimoto S; et al, **140**: 887, 1983
- Hip**
- bone scintigraphy of hip joint effusions in children, Kloiber R; Pavlosky W; Portner O; et al, **140**: 995, 1983
- Hip, arthritis**
- painful sequelae of coxa plana (ab), Clarke NMP; Harrison MHM, **148**: 878, 1983
- Hip, arthrography**
- arthrography after total hip arthroplasty: a modified technique used in the diagnosis of pain, Hendrix RW; Wixson RL; Rana NA; Rogers LF, **148**: 647, 1983
- Hip, diseases**
- femoral neck erosions: sign of hip joint synovial disease, Goldberg RP; Weissman BN; Naimark A; et al, **141**: 107, 1983
- idiopathic chondrolysis of the hip (ab), Smith EL; Ninn DT; Keays AG, **148**: 877, 1983
- Hip, dislocation**
- anterior hip dislocation: atypical superolateral displacement of the femoral head, Bassett LW; Gold RH; Epstein HC, **(AJR)**, **141**: 385, 1983
- Hip, prosthesis**
- arthrography after total hip arthroplasty: a modified technique used in the diagnosis of pain, Hendrix RW; Wixson RL; Rana NA; Rogers LF, **148**: 647, 1983
- Histiocytosis**
- malignant histiocytosis presenting as interstitial pulmonary disease (ab), Stempel DA; Volberg FM; Parker BR; et al, **148**: 334, 1983
- Hodgkin's disease**
- See also Lymphoma
- acute nonlymphocytic leukemia in a patient treated for brain tumor (ab), Hildebrand J; Malarkey M; Flament-Durand J; et al, **148**: 337, 1983
- detection of neoplastic lymph node involvement in the retroperitoneal space (ab), David E; van Kaick G; Ikinger U; et al, **148**: 343, 1983
- overwhelming post-splenectomy infection in Hodgkin's disease: pathogenesis and prevention (ab), Shimmin DS; Linggood RM; Weitzman SA, **148**: 878, 1983
- Hodgkin's disease, therapy**
- factors affecting relapse following chemotherapy for Hodgkin's disease (ab), Yarnold JR; Jelliffe AM; Hudson GV, **148**: 332, 1983
- Homosexuals**
- radiologic-pathologic correlation conference: SUNY Upstate Medical Center, progressive lung disease in a homosexual man, Theros EG; Tomar R; Levinsohn EM; et al, **140**: 897, 1983
- Hormones**
- computed tomography of the adrenal gland in hypertension (ab), Dunnick NR; Korobkin M, **148**: 343, 1983
- CT abnormalities of the pituitary in hyperprolactinemic women with normal or equivocal sera radiologically (ab), Jung RT; White MC; Bowley NB; et al, **148**: 341, 1983
- effect of bromocriptine and pergolide on pituitary tumor size and serum prolactin, Horowitz BL; Hamilton DJ;
- Sommers CJ; et al, **(AJNR)**, **4**: 415, 1983
- leiomyomatous lung lesions: a proposed classification, Martin E, **(AJR)**, **141**: 269, 1983
- local hyperthermia for treatment of carcinoma of the prostate: a preliminary report (ab), Yerushalmi A; Servadio C; Leib Z; et al, **148**: 607, 1983

Hormones

- size and erosive features of the sella turcica in acromegaly as predictors of therapeutic response to supervoltage irradiation (ab), Dons RF; Rieth KG; Gorden P; et al, **148**: 895, 1983
- thyrotrophin-producing pituitary adenomas (ab), Hill SA; Falko JM; Wilson CB; et al, **148**: 341, 1983
- use of ultrasound in monitoring ovulation induction with human pituitary gonadotropins (ab), O'Herlihy C; Evans JH; Brown JB; et al, **148**: 348, 1983
- Humerus**
delayed complications of treated reduced recurrent anterior dislocations of the humeral head in young adults (ab), Sutro CJ; Sutro W, **148**: 591, 1983
- slipped proximal humeral epiphysis: a complication of radiotherapy to the shoulder in children (ab), Edeiken BS; Libshitz HL; Cohen MA, **148**: 883, 1983
- Humerus, fracture**
cubitus varus deformity following supracondylar fractures of the humerus in children (ab), Labelle H; Bunnell WP; Duhaime M; et al, **148**: 595, 1983
- Hydrocele**
case of the summer season: encysted hydrocele of the spermatic cord filled with cholesterol crystals, Cunningham JJ, (SU), **4**: 69, 1983
- scrotal migration of ventriculoperitoneal shunts, Crofford MJ; Balsam D, (AJR), **141**: 369, 1983
- Hydrocephalus**
antenatal treatment of hydrocephalus by ventriculoamniotic shunting (ab), Frigoletto FD Jr; Birnholz JC; Greene MF, **148**: 348, 1983
- brain scintigraphy in the diagnosis of the sequelae of head trauma, Silberstein EB, (SNM), **13**: 153, 1983
- cerebral spinal fluid edema: a rare complication of shunt operations for hydrocephalus (ab), Chiba Y; Takagi H; Nakajima F; et al, **148**: 883, 1983
- complementary roles of radionuclide and computed tomographic imaging in evaluating trauma, Berg BC, (SNM), **13**: 86, 1983
- hydrocephalus as a cause of disturbances of gait in the elderly (ab), Fisher CM, **148**: 596, 1983
- hydrocephalus in adults: ultrasound detection through surgically created cranial defects, Gooding GAW; Edwards MSB, **148**: 561, 1983
- intracranial tumors in the first year of life (ab), Jooma R; Kendall BE, **148**: 334, 1983
- investigation and management of suprasellar arachnoid cysts (ab), Hoffman HJ; Hendrick EB; Humphreys RP; et al, **148**: 598, 1983
- lateral cerebral ventricle in early second trimester, Chinn DH; Callen PW; Filly RA, **148**: 529, 1983
- management of intratentorial hydrocephalus (ab), Cochrane DD; Myles ST, **148**: 604, 1983
- neuro-ophthalmologic signs and symptoms of cysticercosis (ab), Keane JR, **148**: 338, 1983
- neurosurgical management of optic glioma (ab), Tenny RT; Laws ER Jr; Younge BR; et al, **148**: 338, 1983
- scrotal migration of ventriculoperitoneal shunts, Crofford MJ; Balsam D, (AJR), **141**: 369, 1983
- steroid-induced remissions in CNS lymphoma (ab), Singh A; Stroboos RJ; Singh BM; et al, **148**: 596, 1983
- voluminous intracranial chondroma (ab), Campora SA; Troisi F; Fusco G; et al, **148**: 338, 1983
- Hydrocephrosis**
computed tomography in pararenal and perirenal lesions (ab), Lamki N; Raval B, **148**: 600, 1983
- giant renal artery aneurysm in a child (ab), Nomura Y; Mitzoguchi H; Sakamoto S; et al, **148**: 882, 1983
- nuclear magnetic resonance imaging of induced renal lesions, London DA; Davis PL; Williams RD; Crooks LE; Sheldon PE; Gooding CA, **148**: 167, 1983
- Hydrops fetalis**
prenatal ultrasound diagnosis of hypoplastic left heart syndrome in utero associated with hydrops fetalis (ab), Sahn DJ; Shenker L; Reed KL; et al, **148**: 604, 1983
- Hymen**
interlabial masses in little girls: review and imaging recommendations, Nussbaum AR; Lebowitz RL, (AJR), **141**: 65, 1983
- Hyperparathyroidism**
See Parathyroid, hyperparathyroidism
- Hypertension, portal**
embryologic collateral venous channel on radionuclide liver/spleen study, Wilkinson RH Jr; Johnson DG, (AJR), **141**: 45, 1983
- uroradiologic manifestations of portal hypertension, Amendola MA; Wade A; Agha FP; et al, (AJR), **141**: 355, 1983
- Hypertension, pulmonary**
alternating unilateral pulmonary edema following pneumothorax in acute myocardial infarction (ab), Keren A; Tzivoni D; Stern S, **148**: 874, 1983
- Hypertension, systemic**
arterial hypertension developing 10 years after radiotherapy for Wilms's tumor (ab), Koskimies O, **148**: 352, 1983
- autosomal dominant polycystic kidney disease in the neonatal period: association with a cerebral arteriovenous malformation (ab), Proesmans W; Van Damme B; Casera P; et al, **148**: 882, 1983
- computed tomography of the adrenal gland in hypertension (ab), Dunnick NR; Korobkin M, **148**: 343, 1983
- control of hypertension by ethanol renal ablation, Nanni GS; Hawkins IF Jr; Orak JK, **148**: 51, 1983
- diagnosis of renovascular hypertension and evaluation of "surgical" curability (ab), Sos TA; Vaughan ED Jr; Pickering TG; et al, **148**: 333, 1983
- effects of percutaneous transluminal angioplasty on renal plasma flow, Teates CD; Tegtmeier CJ; Croft BY; et al, (SNM), **13**: 245, 1983
- giant renal artery aneurysm in a child (ab), Nomura Y; Mitzoguchi H; Sakamoto S; et al, **148**: 882, 1983
- hypertension and urino-thorax following an attempted percutaneous nephrostomy (ab), Redman JF; Arnold WC; Smith PL; et al, **148**: 881, 1983
- limited use of hypertensive excretory urography (ab), Thornbury JR; Stanley JC; Fryback DG, **148**: 330, 1983
- percutaneous transluminal dilatation for renal artery stenosis in a 22-month-old hypertensive girl, Stanley P; Senac MO; Bakody P; et al, (AJR), **140**: 983, 1983
- renal artery angioplasty: techniques and early results (ab), Sos TA; Saddekni S; Sniderman KW; et al, **148**: 333, 1983
- renovascular hypertension: diagnosis of renal artery stenosis by digital video subtraction angiography (ab), Hillman BJ, **148**: 330, 1983
- selective embolization of a stenotic intrarenal artery for control of hypertension (ab), Warren WC; Warshaw BL; Hymes LC; et al, **148**: 336, 1983
- Hyperthermia**
hyperthermia by magnetic induction: I. physical characteristics of the technique (ab), Oleson JR, **148**: 607, 1983
- interstitial hyperthermia in combination with brachytherapy, Couaglin CT; Douple EB; Strohbehn JW; Eaton WL Jr; Trembley BS; Wong TZ, **148**: 285, 1983
- local hyperthermia for treatment of carcinoma of the prostate: a preliminary report (ab), Yerushalmi A; Servadio C; Leib Z; et al, **148**: 607, 1983
- microwave-induced hyperthermia and ionizing radiation (ab), Lindholm C-E; Kjellen E; Landberg T; et al, **148**: 894, 1983
- technique for microwave-induced hyperthermia in superficial human tumors (ab), Nilsson P; Persson B; Kjellen E; et al, **148**: 894, 1983
- Hysterosalpingography**
See Uterus, radiography
- Ileostomy**
adenocarcinoma of an ileostomy site with skin invasion: a case report (ab), Baciewicz F; Sparberg M; Lawrence JB; et al, **148**: 875, 1983
- Ileum, neoplasms**
adenocarcinoma of an ileostomy site with skin invasion: a case report (ab), Baciewicz F; Sparberg M; Lawrence JB; et al, **148**: 875, 1983
- Images, analysis**
pre-employment radiography of the lumbosacral spine (ab), Foote GA, **148**: 331, 1983
- Images, interpretation**
scintigraphic evaluation of diabetic osteomyelitis: concise communication (ab), Park H-M; Wheat LJ; Siddiqui AR; et al, **148**: 350, 1983
- Images, observer performance**
accuracy of the chest radiograph in diagnosis of pulmonary embolism (ab), Greenspan RH; Ravin CE; Polansky SM; et al, **148**: 873, 1983
- Images, quality**
double-contrast examination of the stomach: 100mm fluorography vs. full-size radiography, Soini I; Kiuru A; Makela PJ; Varpula M; Virtama P, **148**: 627, 1983
- Images, storage and retrieval**
cost effectiveness of the all-digital nuclear medicine department, Royal HD; Parker JA; Uren RF; Kolodny GM, **148**: 860, 1983
- Immunity**
imaging of human melanoma xenografts in nude mice with a radiolabeled monoclonal antibody (ab), Ghose T; Ferrone S; Imai K; et al, **148**: 608, 1983
- pneumococcal epiglottitis in systemic lupus erythematosus on high-dose corticosteroids (ab), Shalit M; Gross DJ; Levo Y, **148**: 599, 1983
- tomosintigraphy for detecting gastrointestinal and mediastinal thyroid cancers: first clinical results using radiolabelled monoclonal antibodies against carcinoembryonic antigen (ab), Berche C; Mach J-P; Lumbruso J-D; et al, **148**: 350, 1983
- Impotence**
arteriography of the penis in secondary impotence (ab), Bruhlmann P; Wolakis G; Zollikofler C; et al, **148**: 876, 1983
- radioisotope penogram in diagnosis of vasculogenic impotence (ab), Fanous HN; Jevitch MJ; Chen DCP; et al, **148**: 350, 1983
- Indium, radioactive**
comparisons of scintigraphy with In-111 leukocytes and Ga-67 in the diagnosis of occult sepsis (ab), Sfakianakis GN; Al-Sheikh W; Heal A; et al, **148**: 349, 1983
- Infants**
See also Infants, newborn; Infants, premature clavicular periostitis: an unusual complication of percutaneous subclavian venous catheterization, Friedman AP; Velcek FT; Haller JO; Nagar H, **148**: 692, 1983
- infants of drug-dependent mothers, Harris VJ; Srinivasan G, (SR), **18**: 179, 1983
- Infants, cardiovascular system**
cardiac imaging in infants and children (bk rev), Kelley MJ; Jaffe CC; Kleinman CS. Reviewed by Hernandez R, **148**: 416, 1983
- cardiovascular effects of metrizamide in infants, DiSessa TG; Zednikova M; Hiraishi S; Jarmakani JM; Higgins CB; Friedman WF, **148**: 687, 1983
- comparative hemodynamic effect of metrizamide and Renografin 76 in infants with congenital heart disease, Baltaxe HA; Mooring P; Kugler J; et al, (AJR), **140**: 1097, 1983
- congenital generalized fibromatosis (ab), Brill PW; Yandow DR; Langer LO; et al, **148**: 882, 1983
- conotruncal malformations: diagnosis in infancy using subxiphoid 2-dimensional echocardiography (ab), Sanders SP; Bierman FZ; Williams RG, **148**: 881, 1983
- two-dimensional echocardiographic evaluation of persistent truncus arteriosus (ab), Marin-Garcia J; Tonkin ILD, **148**: 880, 1983
- two-dimensional echocardiographic prospective diagnosis of common truncus arteriosus in infants (ab), Riggs TW; Paul MH; Pajic S, **148**: 880, 1983
- two-dimensional echocardiographic recognition of papillary muscle fibrosis in pediatric patients (ab), Riggs TW; Berry TE; Paul MH, **148**: 880, 1983
- Infants, central nervous system**
adverse reactions to myelography with metrizamide in infants, children, and adolescents. I. general and CNS effects (ab), Petterson H; Fitz CR; Harwood-Nash DCF; et al, **148**: 880, 1983

- adverse reactions to myelography with metrizamide in infants, children, and adolescents. II. local injury caused by lumbar puncture and injection of contrast medium (ab), Pettersson H; Fitz CR; Harwood-Nash DCF; et al, **148**: 880, 1983
- bacterial meningitis in infants: sonographic features, Rosenberg HK; Levine RS; Stoltz K; et al, (AJNR), **4**: 822, 1983
- cerebral atrophy in infants with protein energy malnutrition, El-Tataway S; Badravi N; El Bishlawy A, (AJNR), **4**: 434, 1983
- cerebral CT findings in methylmalonic and propionic acidemias, Geberski SS; Gabrielsen TO; Knake JE; et al, (AJNR), **4**: 955, 1983
- cerebral CT in fatal courses of resuscitated sudden infant death, Fiebach BJO; Dabir K; Hermie P; et al, (AJNR), **4**: 689, 1983
- intracranial tumors in the first year of life (ab), Jooma R; Kendall BE, **148**: 334, 1983
- intraoperative neurological ultrasound: localization of brain tumors in infants and children, Shkolnik A; Tomita T; Raimondi AJ; Hahn YS; McLone DG, **148**: 525, 1983
- new, treatable source of recurrent meningitis: basioccipital meningocele (ab), Hemphill M; Freeman JM; Martinez CR; et al, **148**: 880, 1983
- scrotal migration of ventriculoperitoneal shunts, Crofford MJ; Balsam D, (AJR), **141**: 369, 1983
- Infants, digestive system**
- gastric emptying in children: unusual patterns detected by scintigraphy, Seibert JJ; Byrne WJ; Euler AR, (AJR), **141**: 49, 1983
- infant apnea: findings on the barium esophagram, Haney PJ, **148**: 425, 1983
- review, infantile hemangiendothelioma of the liver: a radiologic-pathologic-clinical correlation, Dachman AH; Lichtenstein JE; Friedman AC; et al, (AJR), **140**: 1091, 1983
- Yersinia enterocolitica colitis in infants: radiographic changes, Atkinson GO Jr; Gay BB Jr; Ball TI Jr; Caplan DB, **148**: 113, 1983
- zonal colonic aganglionosis (ab), Haney PJ; Hill JL; Sun C-CJ, **148**: 335, 1983
- Infants, injuries**
- abused child: criteria for the radiologic diagnosis, Radkowski MA; Merten DF; Leonidas JC, (RG), **3**: 262, 1983
- should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? (L), Diamant MJ, **148**: 573, 1983
- should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? reply (L), Merten DF; Radkowski MA; Leonidas JC, **148**: 574, 1983
- should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? comment (L), Conway JJ, **148**: 574, 1983
- should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? second reply (L), Merten DF; Radkowski MA; Leonidas JC, **148**: 575, 1983
- should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? comment (L), Berdon WE, **148**: 576, 1983
- Infants, newborn**
- coexisting ectrodactyly-ectodermal dysplasia-clefting (EEC) and prune belly syndrome (ab), Ivarsson S; Henriksson P; Theander G, **148**: 882, 1983
- Infants, newborn, cardiovascular system**
- aneurysmal bulging of the interatrial septum in a newborn infant with arteriovenous fistula and congestive heart failure (ab), Sapire DW; Casta D, **148**: 594, 1983
- evaluation of infradiaphragmatic total anomalous pulmonary venous connection with two-dimensional echocardiography (ab), Snider AR; Silverman NH; Turley K; et al, **148**: 593, 1983
- two-dimensional echocardiographic features of interruption of the aortic arch (ab), Riggs TW; Berry TE; Aziz KU; et al, **148**: 594, 1983
- Infants, newborn, central nervous system**
- intraventricular hemorrhage in the full-term neonate (ab), Scher MS; Wright FS; Lockman LA; et al, **148**: 593, 1983
- postasphyxial encephalopathy in full-term infants: ultrasound diagnosis, Babcock DS; Ball W Jr, **148**: 417, 1983
- quantification of gray/white matter in neonates and adults, Lee BCP; Kneeland B; Knowles RJ; et al, (AJNR), **4**: 692, 1983
- Infants, newborn, digestive system**
- age at onset of necrotizing enterocolitis (ab), Wilson R; Kanto WP Jr; McCarthy BJ; et al, **148**: 881, 1983
- multiple acyl-CoA dehydrogenation deficiency (glutaric aciduria type II), congenital polycystic kidneys, and symmetric warty dysplasia of the cerebral cortex in two newborn brothers. II. morphology and pathogenesis (ab), Bohm N; Uy J; Kiessling M; et al, **148**: 594, 1983
- ultrasound diagnosis of hypertrophic pyloric stenosis (ab), Khampirad T; Athey PA, **148**: 881, 1983
- Infants, newborn, genitourinary system**
- autosomal dominant polycystic kidney disease in the neonatal period: association with a cerebroarteriovenous malformation (ab), Proesmans W; Van Damme B; Casaeer P; et al, **148**: 882, 1983
- effect of contrast media on immature renal function: comparison of agents with high and low osmolality, Harvey LA; Caldicott WJH; Kuruc A, **148**: 429, 1983
- multiple acyl-CoA dehydrogenation deficiency (glutaric aciduria type II), congenital polycystic kidneys, and symmetric warty dysplasia of the cerebral cortex in two newborn brothers. II. morphology and pathogenesis (ab), Bohm N; Uy J; Kiessling M; et al, **148**: 594, 1983
- Infants, newborn, skeletal system**
- achondrogenesis: new nosology with evidence of genetic heterogeneity, Whitley CB; Gorlin RJ, **148**: 693, 1983
- osteopenia and rickets in the extremely low birth weight infant—a survey of the incidence and radiological classification (ab), Masel JP; Tudehope D; Cartwright D; et al, **148**: 336, 1983
- Infants, premature, cardiovascular system**
- chylorhorax secondary to superior vena caval obstruction (ab), Seibert JJ; Colladay ES; Keller C, **148**: 334, 1983
- Infants, premature, central nervous system**
- CT measurement of the normal ventricular system in premature infants, Lovrenic M; Schmutzler L, (AJNR), **4**: 683, 1983
- CT of the normal brain in preterm infants, El-Tataway S; Shukry AS; Badravi N; et al, (AJNR), **4**: 685, 1983
- Infants, premature, digestive system**
- chylorhorax secondary to superior vena caval obstruction (ab), Seibert JJ; Colladay ES; Keller C, **148**: 334, 1983
- Infants, premature, respiratory system**
- chest tube perforation of the lung in premature infants: radiographic recognition, Strife JL; Smith P; Dunbar JS; et al, (AJR), **141**: 73, 1983
- treatment of localized pulmonary interstitial emphysema with selective bronchial intubation, Vahey TN; Pratt GB; Baum RS, (AJR), **140**: 1107, 1983
- Infants, respiratory system**
- tracheobronchography in the evaluation of anomalous left pulmonary artery (ab), Siegel MJ; Shackelford GD; McAlister WH, **148**: 334, 1983
- Infants, skeletal system**
- congenital generalized fibromatosis (ab), Brill PW; Yandow DR; Langer LO; et al, **148**: 882, 1983
- Infertility**
- See Sterility
- Intervertebral disks**
- See Spine, intervertebral disks
- Intestines**
- See also Colon; Duodenum; Gastrointestinal tract; Rectum
- Intestines, abnormalities**
- double-contrast small-bowel examination with barium and methylcellulose: results in 300 cases, Antes G; Lissner J, **148**: 37, 1983
- Intestines, diseases**
- barium evaluation of anal canal in patients with inflammatory bowel disease, DuBrow RA; Frank PH, (AJR), **140**: 1151, 1983
- pneumatosis intestinalis in a pediatric renal transplant patient (ab), Wall LL; Linshaw MA; Baile MD; et al, **148**: 335, 1983
- Intestines, perforation**
- mecomin peritonitis with accompanying pseudocyst: prenatal sonographic diagnosis, McGahan JP; Hanson F, **148**: 125, 1983
- Intestines, radiography**
- double-contrast small-bowel examination with barium and methylcellulose: results in 300 cases, Antes G; Lissner J, **148**: 37, 1983
- Intestines, stenosis**
- mecomin peritonitis—observations in 115 cases and antenatal diagnosis (ab), Ya-Xiong S; Lian-Chen S, **148**: 335, 1983
- prenatal diagnosis of upper intestinal tract obstruction (ab), Pok J, **148**: 604, 1983
- small-bowel enema: an underutilized method of small-bowel examination (ab), Gurian L; Jendrzejewski J; Katon R; et al, **148**: 590, 1983
- small-bowel obstruction masking synchronous large-bowel obstruction: a need for emergency barium enema, Fataar S; Schulman A, (AJR), **140**: 1159, 1983
- Intestines, ulcer**
- See Peptic ulcer
- Iodine and iodine compounds, radioactive**
- studies with encapsulated sources of I-125, III: microdosimetry using a non-metallic wall-less proportional counter (ab), Kiauga PJ; Rossi HH, **148**: 607, 1983
- therapeutic iodine 125 for hyperthyroidism: evidence for a special radiobiological effect on the follicular cell (ab), Gray HW; Greig WR; Gillespie FC, **148**: 896, 1983
- thyroid uptake measurements with I-123: problems and pitfalls: concise communication (ab), Chervu S; Chervu LR; Goodwin PN; et al, **148**: 893, 1983
- use of ¹²³I-iodoamphetamine and single-photon emission computed tomography to assess local cerebral blood flow, O'Leary DH; Hill TC; Lee RGL; et al, (AJNR), **4**: 547, 1983
- Islet-cell tumor**
- See Pancreas, neoplasms

J**Jaundice**

advances in the radiology of jaundice: a symposium and review, Ferrucci JT Jr; Adson MA; Mueller PR; et al, (AJR), **141**: 1, 1983

palliative percutaneous transhepatic drainage for inoperable obstructive jaundice (ab), Baxter-Smith DC; Temple JC; Howarth F, **148**: 333, 1983

Jaws, neoplasms

unilateral multiple benign mixed tumors of the parotid gland (ab), Behnke EE Jr, **148**: 886, 1983

Joints, diseases

penile pointing: a vascular pattern of deossification, Brower AC; Allman RM, (RG), **3**: 315, 1983

shoulder arthropathy in primary hyperparathyroidism (ab), Nussbaum AJ; Doppman JL, **148**: 877, 1983

Joints, inflammation

See Arthritis

Volume 148 Number 3

Radiology • 941

Kidney

K

Kidney

See also Genitourinary system;
Hydronephrosis; Kidney neoplasms;
Urography
control of hypertension by ethanol renal ablation, Nanni GS; Hawkins IF Jr; Orak JK, 148: 51, 1983

Kidney, abnormalities

accuracy of ultrasound in the diagnosis of nonfunctioning kidneys (ab), Arafa NM; Fathi MM; Safwat M; et al, 148: 604, 1983
autosomal dominant polycystic kidney disease in the neonatal period: association with a cerebral arteriovenous malformation (ab), Proesmans W; Van Damme B; Casae P; et al, 148: 882, 1983

multiple acyl-CoA dehydrogenation deficiency (glutaric aciduria type II), congenital polycystic kidneys, and symmetric warty dysplasia of the cerebral cortex in two newborn brothers. II. morphology and pathogenesis (ab), Bohm N; Üy J; Kiessling M; et al, 148: 594, 1983
simple renal cysts treated with bismuth phosphate at the diagnostic puncture (ab), Zachrisson L, 148: 330, 1983

Kidney, diseases

pulmonary and disseminated Mycobacterium simiae infection in humans (ab), Rose HD; Dorff GJ; Lauwasser M; et al, 148: 589, 1983

review: CT appearance of acute inflammatory disease of the renal interstitium, Gold RP; McClelland BL; Rottenberg RR, (AJR), 141: 343, 1983

ultrasound diagnosis of primary hyperoxaluria in infancy (L), Rosenfeld AT, 148: 578, 1983

ultrasonic diagnosis of primary hyperoxaluria in infancy: reply (L), Brennan JN; Diwan RV, 148: 578, 1983

visualization of the renal fascia: a normal finding in urography, Kochkodan EJ; Haggard AM, (AJR), 140: 1243, 1983

Kidney, failure

echocardiographic changes after successful renal transplantation in young nondiabetic patients (ab), Cueto-Garcia L; Herrera J; Arriaga J; et al, 148: 891, 1983

renal allograft accumulation of Tc-99m sulfur colloid: temporal quantitation and scintigraphic assessment, George EA; Meyerovitz M; Codd JE; Fletcher JW; Donati RM, 148: 547, 1983

urographic appearances in renal failure due to intraluminal ureteric obstruction (ab), Davies P, 148: 331, 1983

Kidney, fibrosis

ureterosigmoidostomy: the development of tumors, diagnosis, and pitfalls, Princenthal RA; Lowman R; Zeman RK; et al, (AJR), 141: 77, 1983

Kidney, inflammation

See Nephritis

Kidney, injuries

renal trauma, Rosenthal L; Ammann W, (SNM), 13: 238, 1983

Kidney, insufficiency

iopamidol in urography (ab), Dalla Palma L; Rossi M; Stacul F; et al, 148: 330, 1983

Kidney, calculi

percutaneous removal of kidney stones (ab), Segura JW; Patterson DE; LeRoy AJ; et al, 148: 333, 1983

use of Mauermeier stone punch via percutaneous nephrostomy (ab), Smith AD; Clayman RV; Castaneda-Zuniga WR, 148: 591, 1983

yield of screening urography in young women with urinary tract infection (ab), Newhouse JH; Reja JT; Murphy RX; et al, 148: 591, 1983

Kidney, computed tomography

anomalies of the left renal vein: analysis of 433 CT scans (ab), Reed MD; Friedman AC; Nealey P, 148: 888, 1983

autosomal dominant polycystic kidney disease in the neonatal period: association with a cerebral arteriovenous malformation (ab), Proesmans W; Van Damme B; Casae P; et al, 148: 882, 1983

circumferential left renal vein with tumor thrombus: CT diagnosis with angiographic and pathologic correlation, Handel DB; Heaston DK; Korobkin M; et al, (AJR), 141: 97, 1983

computed tomography in pararenal and perirenal lesions (ab), Lamki N; Raval B, 148: 600, 1983

hyperdense renal mass: unusual CT appearance of a benign renal cyst (ab), Curry NS; Brock G; Metcalf JS; et al, 148: 600, 1983

replacement lipomatosis of the kidney: diagnosis by computed tomography and sonography, Subramanyam BR; Bosniak MA; Horn SC; Megibow AJ; Balthazar EJ, 148: 791, 1983

review: CT appearance of acute inflammatory disease of the renal interstitium, Gold RP; McClelland BL; Rottenberg RR, (AJR), 141: 343, 1983

Kidney, cysts

accuracy of ultrasound in the diagnosis of nonfunctioning kidneys (ab), Arafa NM;

Fathi MM; Safwat M; et al, 148: 604, 1983

autosomal dominant polycystic kidney disease in the neonatal period: association with a cerebral arteriovenous malformation (ab), Proesmans W; Van Damme B; Casae P; et al, 148: 882, 1983

computed tomography in pararenal and perirenal lesions (ab), Lamki N; Raval B, 148: 600, 1983

hyperdense renal mass: unusual CT appearance of a benign renal cyst (ab), Curry NS; Brock G; Metcalf JS; et al, 148: 600, 1983

haemophilia and the kidney: assessment after 11-year follow-up (ab), Small M; Rose PE; McMillan N; et al, 148: 876, 1983

iopamidol in urography (ab), Dalla Palma L; Rossi M; Stacul F; et al, 148: 330, 1983

multiple acyl-CoA dehydrogenation deficiency (glutaric aciduria type II), congenital polycystic kidneys, and symmetric warty dysplasia of the cerebral cortex in two newborn brothers. II. morphology and pathogenesis (ab), Bohm N; Üy J; Kiessling M; et al, 148: 594, 1983

simple renal cysts treated with bismuth phosphate at the diagnostic puncture (ab), Zachrisson L, 148: 330, 1983

Kidney, radiography

modified excretory urography and posterior urethral valves, unilateral reflux and renal dysplasia: a syndrome (ab), Hoover DL; Duckett JW Jr, 148: 336, 1983

Kidney, radiography

modified excretory urography in prehysterectomy patients (ab), Kumar R; Weiner MA; Schreiber MH, 148: 876, 1983

operative renal radiography (ab), Roth D; Griffith DP, 148: 876, 1983

rim nephrogram in renovascular compromise (ab), Demos TD; Gadwood K; Love L; et al, 148: 876, 1983

visualization of the renal fascia: a normal finding in urography, Kochkodan EJ; Haggard AM, (AJR), 140: 1243, 1983

Kidney, radionuclide studies

cortical necrosis in a renal transplant, Blumhardt R; Growcock G; Lasher JC, (AJR), 141: 95, 1983

effect of contrast media on immature renal function: comparison of agents with high and low osmolality, Harvey LA; Caldicott WJH; Kuruc A, 148: 429, 1983

effects of percutaneous transluminal angioplasty on renal plasma flow, Teates CD; Tegtmeyer CJ; Croft BY; et al, (SNM), 13: 245, 1983

hypertension and urino-thorax following an attempted percutaneous nephrostomy (ab), Redman JF; Arnold WC; Smith PL; et al, 148: 881, 1983

posterior urethral valves, unilateral reflux and renal dysplasia: a syndrome (ab), Hoover DL; Duckett JW Jr, 148: 336, 1983

renal allograft accumulation of Tc-99m sulfur colloid: temporal quantitation and scintigraphic assessment, George EA; Meyerovitz M; Codd JE; Fletcher JW; Donati RM, 148: 547, 1983

renal trauma, Rosenthal L; Ammann W, (SNM), 13: 238, 1983

Kidney, stenosis

accuracy of ultrasound in the diagnosis of nonfunctioning kidneys (ab), Arafa NM; Fathi MM; Safwat M; et al, 148: 604, 1983

hypertension and urino-thorax following an attempted percutaneous nephrostomy (ab), Redman JF; Arnold WC; Smith PL; et al, 148: 881, 1983

percutaneous techniques in the management of urological complications in renal transplant patients, Hunter DW; Castaneda-Zuniga WR; Coleman CC; Herrera M; Amplatz K, 148: 407, 1983

urographic appearances in renal failure due to intraluminal ureteric obstruction (ab), Davies P, 148: 331, 1983

Kidney, stone extraction

percutaneous removal of kidney stones (ab), Segura JW; Patterson DE; LeRoy AJ; et al, 148: 333, 1983

use of Mauermeier stone punch via percutaneous nephrostomy (ab), Smith AD; Clayman RV; Castaneda-Zuniga WR, 148: 591, 1983

Kidney, surgery

diagnosis of renovascular hypertension and evaluation of "surgical" curability (ab), Sos TA; Vaughan ED Jr; Pickering TG; et al, 148: 333, 1983

partial nephrectomy for renal haemangioma (ab), Mitchell A; Fellows GJ; Smith JC, 148: 330, 1983

urinary fistula after partial nephrectomy: treatment by segmental renal embolization, Mitty HA; Dan SJ; Goldman HJ; et al, (AJR), 141: 101, 1983

Kidney, transplantation

cortical necrosis in a renal transplant, Blumhardt R; Growcock G; Lasher JC, (AJR), 141: 95, 1983

Doppler study of renal artery of transplant kidneys (ab), Koff D; Plainfosse M-C; Merrin S, 148: 604, 1983

echocardiographic changes after successful renal transplantation in young nondiabetic patients (ab), Cueto-Garcia L; Herrera J; Arriaga J; et al, 148: 891, 1983

limitations of digital subtraction angiography in evaluating potential renal donors, Rabe FE; Smith EJ; Yune HY; et al, (AJR), 141: 91, 1983

percutaneous techniques in the management of urological complications in renal transplant patients, Hunter DW; Castaneda-Zuniga WR; Coleman CC; Herrera M; Amplatz K, 148: 407, 1983

Leukemia, in infants and children

- pneumatositis intestinalis in a pediatric renal transplant patient (ab), Wall LL; Linshaw MA; Bailie MD; et al, **148**: 335, 1983
renal allograft accumulation of Tc-99m sulfur colloid: temporal quantitation and scintigraphic assessment, George EA; Meyerovitz M; Codd JE; Fletcher JW; Donati RM, **148**: 547, 1983
- sonographic criteria for renal allograft rejection (ab), Heckemann R; Rehwald U; Jakubowski HD; et al, **148**: 348, 1983
unsuspected adnexal masses in renal transplant recipients (ab), Vaughan R; Henderson SC; Rahatzad M; et al, **148**: 330, 1983
- Kidney, ultrasound studies**
accuracy of ultrasound in the diagnosis of nonfunctioning kidneys (ab), Arafa NM; Fathi MM; Safwat M; et al, **148**: 604, 1983
autosomal dominant polycystic kidney disease in the neonatal period: association with a cerebral arteriovenous malformation (ab), Proesmans W; Van Damme B; Casae P; et al, **148**: 882, 1983
echocardiographic changes after successful renal transplantation in young nondiabetic patients (ab), Cueto GA; Herrera J; Arriaga J; et al, **148**: 891, 1983
papillary renal cell carcinoma: ultrasonic/pathologic correlation (ab), Blei CL; Hartman DS; Friedman AC; et al, **148**: 604, 1983
replacement lipomatosis of the kidney: diagnosis by computed tomography and sonography, Subramanyam BR; Bosniak MA; Horii SC; Megibow AJ; Balthazar EJ, **148**: 791, 1983
sonographic criteria for renal allograft rejection (ab), Heckemann R; Rehwald U; Jakubowski HD; et al, **148**: 348, 1983
sonographic determination of renal volume, Hricak H; Lieto RP, **148**: 311, 1983
sonography of pyonephrosis: a prospective study, Subramanyam BR; Raghavendra BN; Bosniak MA; et al, **140**: 991, 1983
ultrasonic diagnosis of primary hyperoxaluria in infancy (L), Rosenfield AT, **148**: 578, 1983
ultrasonic diagnosis of primary hyperoxaluria in infancy: reply (L), Brennan JN; Diwan RV, **148**: 578, 1983
ultrasound in the evaluation of renal papillary necrosis (L), Ulreich S, **148**: 864, 1983
ultrasound in the evaluation of renal papillary necrosis: reply (L), Hoffman JC, **148**: 864, 1983
urosonography in spinal cord injury patients (ab), Calenoff L; Neiman HL; Kaplan PE; et al, **148**: 605, 1983
- Kidney, volume**
sonographic determination of renal volume, Hricak H; Lieto RP, **148**: 311, 1983
- Kidney neoplasms**
bilateral Wilms' tumor (ab), Vats TS; Seeman J, **148**: 881, 1983
computed tomography in pararenal and perirenal lesions (ab), Lamki N; Raval B, **148**: 600, 1983
oncocytomas of the kidney (ab), Merino MJ; Livolsi VA, **148**: 330, 1983
papillary renal cell carcinoma: ultrasonic/pathologic correlation (ab), Blei CL; Hartman DS; Friedman AC; et al, **148**: 604, 1983
second cancers following radiotherapy for cervical cancer (ab), Kleinerman RA; Curtis RE; Boice JD Jr; et al, **148**: 352, 1983
- Kidney neoplasms, computed-tomographic diagnosis**
kidney pseudotumor diagnosed by emission computed tomography (ab), Williams ED; Parker C, **148**: 342, 1983
- Kidney neoplasms, therapeutic radiology**
arterial hypertension developing 10 years after radiotherapy for Wilms' tumor (ab), Koskimies O, **148**: 352, 1983
bilateral Wilms' tumor (ab), Vats TS; Seeman J, **148**: 881, 1983
- Kidney neoplasms, ultrasound diagnosis**
accuracy of ultrasound in the diagnosis of nonfunctioning kidneys (ab), Arafa NM; Fathi MM; Safwat M; et al, **148**: 604, 1983
Wilms' tumor: diagnostic therapeutic implications (ab), Mulhern CB Jr; Arger PH; Coleman BG; et al, **148**: 594, 1983
- Knee**
medial femoral condyle necrosis and chondrocalcinosis—a causal relationship? (ab), Watt I; Dieppe PA, **148**: 878, 1983
- Knee, fracture**
occult fractures of the knee: tomographic evaluation, Apple JS; Martinez S; Allen NB; Caldwell DS; Rice JR, **148**: 383, 1983
- Knee, radiography**
early roentgenographic evaluation of bowlegged children (ab), O'Neal DA; MacEwen JD, **148**: 595, 1983
- L**
- Larynx**
epiglottic motion: video recording of muscular dysfunction, Curtis DJ; Sepulveda GU, **148**: 473, 1983
- Larynx, anatomy**
NMR anatomy of the larynx and tongue base, Lukkin RB; Larsson SG; Hanafee WN, **148**: 173, 1983
recurrent laryngeal nerve paralysis: a laryngographic and computed tomographic study, Agha FP, **148**: 149, 1983
- Larynx, computed tomography**
computed tomography of laryngeal cancer with histopathological correlation (ab), Archer CR; Yeager VL, **148**: 342, 1983
pictorial essay: high-resolution computed tomography of the normal larynx, Silverman PM; Korobkin M, **(AJR)**, **140**: 875, 1983
pseudomass lesions due to occult trauma of the larynx (ab), Hansson DG; Mancuso AA; Hanafee WM, **148**: 886, 1983
recurrent laryngeal nerve paralysis: a laryngographic and computed tomographic study, Agha FP, **148**: 149, 1983
- Larynx, injuries**
pseudomass lesions due to occult trauma of the larynx (ab), Hansson DG; Mancuso AA; Hanafee WM, **148**: 886, 1983
- Larynx, neoplasms**
computed tomography of laryngeal cancer with histopathological correlation (ab), Archer CR; Yeager VL, **148**: 342, 1983
- Larynx, nuclear magnetic resonance (NMR) studies**
NMR anatomy of the larynx and tongue base, Lukkin RB; Larsson SG; Hanafee WN, **148**: 173, 1983
- Larynx, surgery**
barium examination of the pharynx after vertical hemilaryngectomy, DiSantis DJ; Balfi DM; Koehler RE; et al, **(AJR)**, **141**: 335, 1983
- Lasers**
computed radiography utilizing scanning laser stimulated luminescence, Sonoda M; Takano M; Miyahara J; Kato H, **148**: 833, 1983
neodymium yttrium aluminum garnet laser treatment of hemobilia via a percutaneous catheter tract, Carpenter CM; Bowers JH; Luers PR; Dixon JA; Miller PJ, **148**: 853, 1983
stereotactic laser ablation of intracranial lesions, Alker G; Kelly PJ; Kall B; et al, **(AJNR)**, **4**: 727, 1983
- Legionnaires' disease**
clinico-radiographic correlation with the extent of Legionnaire disease, Kroboth FJ; Yu VL; Reddy SC; et al, **(AJR)**, **141**: 263, 1983
- Leiomysoma**
See Myoma
- Letters to the Editor**
atlantoaxial subluxation (L), Jackson H, **148**: 864, 1983
atlantoaxial subluxation: reply (L), Weissman BN, **148**: 865, 1983
comparative study of mesothelioma and asbestos using computed tomography and conventional chest radiography (L), Solomon A, **148**: 316, 1983
comparative study of mesothelioma and asbestos using computed tomography and conventional chest radiography: reply (L), Rabbinowitz JG, **148**: 316, 1983
comparative study of mesothelioma and asbestos using computed tomography and conventional chest radiography: further comment (L), Solomon A, **148**: 316, 1983
- Leukemia, in infants and children**
isolated testicular relapse in boys with acute lymphoblastic leukaemia: treatment and outcome (ab), Tiedemann K; Chessells JM; Sandland RM, **148**: 594, 1983
radiology of childhood leukemia and its therapy (bk rev), Rosenfeld NS, Reviewed by Afshani E, **148**: 424, 1983
- emergent treatment of central retinal artery occlusion caused by embolism (L), Krecke CF; Crawford MJ, **148**: 866, 1983
emergent treatment of central retinal artery occlusion caused by embolism: comment (L), Younge BR, **148**: 866, 1983
high-resolution dynamic ultrasound imaging of the carotid bifurcation: a prospective evaluation (L), Johnson JM, **148**: 317, 1983
high-resolution dynamic ultrasound imaging of the carotid bifurcation: a prospective evaluation (L), Starrett RW, **148**: 317, 1983
high-resolution dynamic ultrasound imaging of the carotid bifurcation: a prospective evaluation: reply (L), James EM; Earnest F IV; Forbes GS; Houser OW, **148**: 318, 1983
incidence of bone sarcoma in Paget disease (L), Hall FM, **148**: 865, 1983
incidence of bone sarcoma in Paget disease: reply (L), McLeod RA, **148**: 865, 1983
intraoperative ultrasound assisted stereotactic brain surgery (L), Heilbrun MP; Mukuno DH; Lee TG; Bouler WV; Harnsberger HR; Raabe RP, **148**: 576, 1983
Israel Steinberg, M.D. (L), Dotter CT, **148**: 577, 1983
method for calculating linear attenuation coefficients for combinations of fat and muscle (L), Castronovo FP Jr, **148**: 865, 1983
nonionic and dimeric ionic contrast agents (L), Coussment A, **148**: 318, 1983
nonionic and dimeric ionic contrast agents: reply (L), Cohen MD, **148**: 319, 1983
should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? (L), Diamant MJ, **148**: 573, 1983
should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? reply (L), Sty JR; Starshak RJ, **148**: 573, 1983
should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? comment (L), Conway JJ, **148**: 574, 1983
should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? second reply (L), Merten DF; Radkowski MA; Leonidas JC, **148**: 575, 1983
should the radionuclide skeletal survey be used as a screening procedure in suspected child abuse victims? comment (L), Berdon WE, **148**: 576, 1983
simplified chain cystourethrography (L), Subramanian AB, **148**: 317, 1983
simplified chain cystourethrography: reply (L), Rubens SE; Pollack HM; Banner MP, **148**: 317, 1983
Tc-99m red blood cell venography in deep vein thrombosis of the leg (L), Rao MG, **148**: 577, 1983
Tc-99m red blood cell venography in deep vein thrombosis of the leg: reply (L), Lisbona R; Stern J; Derbeykan V, **148**: 577, 1983
ultrasonic diagnosis of primary hyperoxaluria in infancy (L), Rosenfield AT, **148**: 578, 1983
ultrasonic diagnosis of primary hyperoxaluria in infancy: reply (L), Brennan JN; Diwan RV, **148**: 578, 1983
ultrasound in the evaluation of renal papillary necrosis (L), Ulreich S, **148**: 864, 1983
ultrasound in the evaluation of renal papillary necrosis: reply (L), Hoffman JC, **148**: 864, 1983

Leukemia, therapeutic radiology

Leukemia, therapeutic radiology

radiology of childhood leukemia and its therapy (bk rev); Rosenfield NS; Reviewed by Afshani E, **148**: 424, 1983

Leukocytes

comparison of indium-111-oxine and indium-111-acetylacetone labelled leucocytes in the diagnosis of inflammatory disease (ab); Peters AM; Karimjee S; Saverymuttu SH; et al, **148**: 893, 1983 comparisons of scintigraphy with In-111 leukocytes and Ga-67 in the diagnosis of occult sepsis (ab); Stafkianakis GN; Al-Sheikh W; Heal A; et al, **148**: 349, 1983 Tc-99m labeled leukocytes: preparation and use in identification of abscess and tissue rejection, Farid NA; White SM; Heck LL; Van Hove ED, **148**: 827, 1983

Ligaments

comparison of thoracic ligamenta flava, Kudo S; Ono M; Russell WJ, (AJR), **141**: 117, 1983

simple first metacarpophalangeal stress test, Curtis DJ; Downey EF Jr, **148**: 855, 1983

Ligaments, computed tomography

CT appearance of the normal inferior pulmonary ligament, Cooper C; Moss AA; Buy J-N; et al, (AJR), **141**: 237, 1983 CT of the pulmonary ligament, Godwin JD; Vock P; Osborne DR, (AJR), **141**: 231, 1983

Ligaments, injuries

acute injuries of the lateral ligaments of the ankle: comparison of stress radiography and arthrography, Sauder DD; Nelson RC; Lavine MH; Wu CW, **148**: 653, 1983

Ligaments, pulmonary

CT appearance of the normal inferior pulmonary ligament, Cooper C; Moss AA; Buy J-N; et al, (AJR), **141**: 237, 1983 CT of the pulmonary ligament, Godwin JD; Vock P; Osborne DR, (AJR), **141**: 231, 1983 inferior pulmonary ligament: computed tomographic appearance, Rost RC Jr; Proto AV, **148**: 479, 1983

Linear accelerators

characteristics of an intraoral cone for electron beam therapy with an 18 MV linear accelerator (ab), Wexler MC; Tobochnik N; Spiegel P; et al, **148**: 607, 1983

Lipids

choroidal ischemia (ab), Gaudric A; Coscas G; Bird AC, **148**: 340, 1983

Lipoma and lipomatosis

endobronchial lipoma demonstrated by CT, Mendelsohn SL; Fagelman D; Zwanger-Mendelsohn S, **148**: 790, 1983 new understanding of dorsal dysraphism with lipoma (lipomyeloschisis): radiologic evaluation and surgical correction, Naidich TP; McLone DG; Mutluer S, (AJR), **140**: 1065, 1983

replacement lipomatosis of the kidney: diagnosis by computed tomography and sonography, Subramanyam BR; Bosniak MA; Horii SC; Megibow AJ; Balthazar EJ, **148**: 791, 1983

Liver, abscess

comparative imaging in the evaluation of hepatic abscesses in immunocompromised children (ab), Sty JR; Starshak RJ, **148**: 881, 1983

sonography in the diagnosis and management of hepatic amebic abscess in children (ab), Ralls PW; Mikity VG; Colletti P; et al, **148**: 335, 1983

sonography of hepatic abscesses, Kuligowska E; Noble J, (SU), **4**: 102, 1983

transcutaneous drainage of abscesses of the liver guided by computed tomography scan (ab), Sheinfeld AM; Steiner AE; Rivkin LB; et al, **148**: 342, 1983

Liver, anatomy

inferior right hepatic vein: ultrasonic demonstration, Makuchi M; Hasegawa H; Yamazaki S; Bandai Y; Watanabe G; Ito T, **148**: 213, 1983

Liver, angiography

hepatocellular carcinoma angiography: a subject review, Chuang VP, **148**: 633, 1983

intra-arterial digital subtraction angiography: comparison with conventional hepatic arteriography, Flannigan BD; Gomes AS; Stambuk EC; Lois JE; Pais OS, **148**: 17, 1983

Liver, biopsy

biopsy needle characteristics assessed in the laboratory, Andriole JG; Haaga JR; Adams RB; Nunez C, **148**: 659, 1983

liver biopsy through the transjugular approach: modification of instruments, Colapinto RF; Blendis LM, **148**: 306, 1983

Liver, blood supply

inferior right hepatic vein: ultrasonic demonstration, Makuchi M; Hasegawa H; Yamazaki S; Bandai Y; Watanabe G; Ito T, **148**: 213, 1983

Liver, cirrhosis

arterioporttal shunts on dynamic computed tomography, Nakayama T; Hiyama Y; Ohnishi K; et al, (AJR), **140**: 953, 1983 embryologic collateral venous channel on radionuclide liver/spleen study, Wilkinson RH Jr; Johnson DG, (AJR), **141**: 45, 1983

radionuclide demonstration of intrapulmonary shunting in cirrhosis, Bank ER; Thrall JH; Dantzer DR, (AJR), **140**: 967, 1983

Liver, computed tomography

arterioporttal shunts on dynamic computed tomography, Nakayama T; Hiyama Y; Ohnishi K; et al, (AJR), **140**: 953, 1983 comparative imaging in the evaluation of hepatic abscesses in immunocompromised children (ab), Sty JR; Starshak RJ, **148**: 881, 1983

computed tomography and sonography of cavernous hemangioma of the liver, Itai Y; Ohtomo K; Araki T; et al, (AJR), **141**: 215, 1983

computed tomography in hepatic trauma, Moon KL Jr; Federle MP, (AJR), **141**: 309, 1983

CT detection of hepatic metastases with Ethiodized Oil Emulsion 13 (ab), Lewis E; Aufderheide JE; Bernardino ME; et al, **148**: 599, 1983

intraperitoneal haemorrhage in a patient on long-term haemodialysis (ab), Lai KN; Disney APS; Mathew TH, **148**: 600, 1983 transcutaneous drainage of abscesses of the liver guided by computed tomography scan (ab), Sheinfeld AM; Steiner AE; Rivkin LB; et al, **148**: 342, 1983

Liver, diseases

nuclear magnetic resonance imaging of experimentally induced liver disease, Stark DD; Bass NM; Moss AA; Bacon BR; McKerrow JH; Cann CE; Brito A; Goldberg HI, **148**: 743, 1983

Liver, fatty

nuclear magnetic resonance imaging of experimentally induced liver disease, Stark DD; Bass NM; Moss AA; Bacon BR; McKerrow JH; Cann CE; Brito A; Goldberg HI, **148**: 743, 1983

Liver, hemorrhage

intraperitoneal haemorrhage in a patient on long-term haemodialysis (ab), Lai KN; Disney APS; Mathew TH, **148**: 600, 1983

Liver, injuries

computed tomography in hepatic trauma, Moon KL Jr; Federle MP, (AJR), **141**: 309, 1983

radionuclide imaging of the injured spleen and liver, Lutzker LG, (SNM), **13**: 184, 1983

role of Tc-99m IDA scintigraphy in the evaluation of hepatobiliary trauma, Weissmann HS; Byun KJC; Freeman LM, (SNM), **13**: 199, 1983

surgeon's view of the role of radionuclide imaging in evaluating trauma, Roberts SS, (SNM), **13**: 199, 1983

Liver, iron content

nuclear magnetic resonance imaging of experimentally induced liver disease, Stark DD; Bass NM; Moss AA; Bacon BR; McKerrow JH; Cann CE; Brito A; Goldberg HI, **148**: 743, 1983

Liver, nuclear magnetic resonance (NMR) studies

nuclear magnetic resonance imaging of experimentally induced liver disease, Stark DD; Bass NM; Moss AA; Bacon BR; McKerrow JH; Cann CE; Brito A; Goldberg HI, **148**: 743, 1983

Liver, radionuclide studies

comparative imaging in the evaluation of hepatic abscesses in immunocompromised children (ab), Sty JR; Starshak RJ, **148**: 881, 1983

embryologic collateral venous channel on radionuclide liver/spleen study, Wilkinson RH Jr; Johnson DG, (AJR), **141**: 45, 1983

endotoxic shock and its effects on

hepatobiliary scanning in dogs, Hughes KS; Marrangoni AG; Thompson DR; Turbiner E, **148**: 823, 1983

gammat: causes of focal hepatic portal defect on ^{99m}Tc-sulfur colloid scintigraphy, Shih W-J; Reba RC; DeLand FH, (SNM), **13**: 171, 1983

gammat: liver imaging—the "widened renal fossa" sign in posterior liver scintigraphy, Lecklitner ML, (SNM), **13**: 298, 1983

radionuclide imaging of the injured spleen and liver, Lutzker LG, (SNM), **13**: 184, 1983

role of Tc-99m IDA scintigraphy in the evaluation of hepatobiliary trauma, Weissmann HS; Byun KJC; Freeman LM, (SNM), **13**: 199, 1983

surgeon's view of the role of radionuclide imaging in evaluating trauma, Roberts SS, (SNM), **13**: 84, 1983

Liver, ultrasound studies

assessment of ultrasound scanning in the recognition of colorectal liver metastases (ab), Lamb G; Taylor I, **148**: 348, 1983

comparative imaging in the evaluation of hepatic abscesses in immunocompromised children (ab), Sty JR; Starshak RJ, **148**: 881, 1983

computed tomography and sonography of cavernous hemangioma of the liver, Itai Y; Ohtomo K; Araki T; et al, (AJR), **141**: 315, 1983

inferior right hepatic vein: ultrasonic demonstration, Makuchi M; Hasegawa H; Yamazaki S; Bandai Y; Watanabe G; Ito T, **148**: 213, 1983

intraperitoneal haemorrhoma in a patient on long-term haemodialysis (ab), Lai KN; Disney APS; Mathew TH, **148**: 600, 1983

miliary tuberculosis of the liver—another cause of the "bright liver" on ultrasound examination (ab), Andrew WK; Thomas RG; Goldblatt BL, **148**: 347, 1983

sonographic diameter of the common hepatic duct in sickle cell anaemia, Cunningham JJ, (AJR), **141**: 321, 1983

sonography in the diagnosis and management of hepatic amebic abscess in children (ab), Ralls PW; Mikity VG; Colletti P; et al, **148**: 335, 1983

sonography of hepatic abscesses, Kuligowska E; Noble J, (SU), **4**: 102, 1983

ultrasound assessment of liver veins in congestive heart failure (ab), Henriksson L; Hedman A; Johansson R; et al, **148**: 603, 1983

Liver neoplasms

arterioporttal shunts on dynamic computed tomography, Nakayama T; Hiyama Y; Ohnishi K; et al, (AJR), **140**: 953, 1983

assessment of ultrasound scanning in the recognition of colorectal liver metastases (ab), Lamb G; Taylor I, **148**: 348, 1983

CT detection of hepatic metastases with Ethiodized Oil Emulsion 13 (ab), Lewis E; Aufderheide JE; Bernardino ME; et al, **148**: 599, 1983

mesenchymal hamartoma of the liver identified by fetal sonography, Foucar E; Williamson RA; Yiu-Chiu V; et al, (AJR), **140**: 970, 1983

review: infantile hemangiopericytoma of the liver: a radiologic-pathologic-clinical correlation, Dachman AH; Lichtenstein JE; Friedman AC; et al, (AJR), **140**: 1091, 1983

Liver neoplasms, angiography

comparative study of angiography and dynamic computed tomography in liver angioma (ab), Baert AL; Marchal GJ; Wilms GE; et al, **148**: 599, 1983

computed tomographic arteriography of the liver, Frey PC; Marks WM, **148**: 193, 1983

hepatocellular carcinoma angiography: a subject review, Chuang VP, **148**: 633, 1983

imaging hepatic neoplasms (ab), Bernardino ME; Lewis E, **148**: 599, 1983

Liver neoplasms, blood supply

hepatic artery embolization in 120 patients with unresectable hepatoma, Yamada R; Sato M; Kawabata M; Nakatsuji H;

Nakamura K; Takashima S, **148**: 397, 1983

hepatocellular carcinoma angiography: a subject review, Chuang VP, **148**: 633, 1983

Liver neoplasms, computed-tomographic diagnosis

comparative study of angiography and dynamic computed tomography in liver angioma (ab), Baert AL; Marchal GJ; Wilms GE; et al, **148**: 599, 1983

computed tomographic arteriography of the liver, Frey PC; Marks WM, **148**: 193, 1983

Lung neoplasms

- imaging hepatic neoplasms (ab). Bernardino ME; Lewis E; *Lung* 148: 599, 1983
- Liver neoplasms, diagnosis**
hepatic tumor angiography: a subject review. Chuang VP; *Lung* 148: 633, 1983
imaging hepatic neoplasms (ab). Bernardino ME; Lewis E; *Lung* 148: 599, 1983
small hepatocellular carcinoma—a clinicopathological study in thirteen patients (ab). Chen DS; Sheu JC; Sung JI; et al. *Lung* 148: 1983
- Liver neoplasms, metastases**
carcinoïd heart disease: diagnosis of two-dimensional echocardiography (ab). Howard RJ; Drobac M; Rader WD; et al. *Lung* 148: 344, 1983
- Liver neoplasms, radionuclide diagnosis**
imaging hepatic neoplasms (ab). Bernardino ME; Lewis E; *Lung* 148: 599, 1983
- Liver neoplasms, secondary**
carcinoma of the colon: irradiation by delayed split whole-abdominal technique. Meek AG; Lam WC; Order SE; *Lung* 148: 845, 1983
intra-arterial P-32 chronic phosphate for prevention of postoperative liver metastases in high-risk colorectal cancer patients. Mantravadi RV; Spigos DG; Kares SM; Pavel DG; Grady EG; Capek V; *Lung* 148: 555, 1983
- Liver neoplasms, therapeutic radiology**
carcinoma of the colon: irradiation by delayed split whole-abdominal technique. Meek AG; Lam WC; Order SE; *Lung* 148: 845, 1983
- Liver neoplasms, therapy**
hepatic artery embolization in 120 patients with unresectable hepatoma. Yamada R; Sato M; Kawabata M; Nakatsuka H; Nakamura K; Takashima S; *Lung* 148: 397, 1983
- Liver neoplasms, ultrasound diagnosis**
imaging hepatic neoplasms (ab). Bernardino ME; Lewis E; *Lung* 148: 599, 1983
small hepatocellular carcinoma—a clinicopathological study in thirteen patients (ab). Chen DS; Sheu JC; Sung JI; et al. *Lung* 148: 347, 1983
- Ludwig's angina**
See Angina
- Lung**
See also Bronchi; Lung neoplasms; Pleura; Respiratory distress syndrome
- Lung, abscess**
differentiating lung abscess and empyema: radiography and computed tomography. Stark DD; Federle MP; Goodman PC; et al. *Lung* 141: 163, 1983
- Lung, biopsy**
thin needle aspiration biopsy of thoracic lesions: impact on hospital charges and patterns of patient care. Gobien RP; Bouchard EA; Gobien BS; Valicenti JF; Vujic I; *Lung* 148: 65, 1983
- Lung, blood supply**
perfusion of nonventilated lung: failure of hypoxic vasoconstriction? Sostman HD; Neumann RD; Gottschalk A; et al. *Lung* 141: 151, 1983
- Lung, chronic obstructive lung disease**
upper airway obstruction (ab). Tawadros HH; *Lung* 148: 589, 1983
- Lung, computed tomography**
comparative study of mesothelioma and asbestos using computed tomography and conventional chest radiography (L). Solomon A; *Lung* 148: 316, 1983
comparative study of mesothelioma and asbestos using computed tomography and conventional chest radiography: reply (L). Rabinowitz JG; *Lung* 148: 316, 1983
comparative study of mesothelioma and asbestos using computed tomography and conventional chest radiography: further comment (L). Solomon A; *Lung* 148: 316, 1983
computed tomography of interstitial pulmonary disease (ab). Krel L; *Lung* 148: 599, 1983
computed tomography of the pulmonary fissures: normal anatomy (ab). Frijia J; Schmit P; Katz M; et al. *Lung* 148: 887, 1983
CT demonstration of postpneumonectomy tumor recurrence. Peters JC; Desai KK; *Lung* 141: 259, 1983
differentiating lung abscess and empyema: radiography and computed tomography. Stark DD; Federle MP; Goodman PC; et al. *Lung* 141: 163, 1983
- inferior pulmonary ligament: computed tomographic appearance. Rost RC Jr; Proto AV; *Lung* 148: 479, 1983
solitary pulmonary metastases in high-risk melanoma patients: a prospective comparison of conventional and computed tomography. Heaston DK; Putman CE; Rodan BA; et al. *Lung* 141: 169, 1983
- Lung, cysts**
bronchopulmonary dysplasia in the adult (ab). Churg J; Goldrey J; Fligiel S; et al. *Lung* 148: 874, 1983
multiple peripheral lung cysts and hemoptysis in an otherwise asymptomatic adult (ab). Holden WE; Mulkey DD; Kessler S; *Lung* 148: 327, 1983
- Lung, diseases**
adult-onset pulmonary tuberculosis. Choyke PL; Sostman HD; Curtis AM; Ravin CE; Chen JT; Godwin JD; Putman CE; *Lung* 148: 357, 1983
computed tomography of interstitial pulmonary disease (ab). Krel L; *Lung* 148: 599, 1983
Ga-67 scanning for assessment of disease activity and therapy decisions in pulmonary sarcoidosis in comparison to chest radiography, serum ACE and blood T-lymphocytes (ab). Kohn H; Klech H; Mostbeck A; et al. *Lung* 148: 349, 1983
malignant histiocytosis presenting as interstitial pulmonary disease (ab). Stempel DA; Volberg FM; Parker BR; et al. *Lung* 148: 334, 1983
multiple metallic pulmonary densities after therapeutic embolization (ab). Leitman BS; McCauley DI; Firooznia H; *Lung* 148: 327, 1983
radiologic-pathologic correlation conference: SUNY Upstate Medical Center. progressive lung disease in a homosexual man. Theron EG; Tomar R; Levinsohn EM; et al. *Lung* 140: 897, 1983
- Lung, edema**
See Lung, fluid
- Lung, effects of drugs on**
pulmonary complications of drug addiction. Stern WZ; Subbarao K; *Lung* 18: 183, 1983
- Lung, fibrosis**
bronchopulmonary dysplasia in the adult (ab). Churg J; Golden J; Fligiel S; et al. *Lung* 148: 874, 1983
regional lung ventilation in ankylosing spondylitis (ab). Parkin A; Robinson PJ; Hickling P; *Lung* 148: 605, 1983
- Lung, fluid**
alternating unilateral pulmonary edema following pneumothorax in acute myocardial infarction (ab). Keren A; Tzivoni D; Stern S; *Lung* 148: 874, 1983
- Lung, hemoptysis**
See Lung, hemorrhage
- Lung, hemorrhage**
balloon embolization of a mycotic pulmonary artery aneurysm (ab). Renie WA; Rodeheffer RJ; Mitchell S; et al. *Lung* 148: 592, 1983
bronchial carcinoid tumours: radio-clinical signs—a report of twenty-nine cases (ab). Marlin J; Pinet F; Loire R; et al. *Lung* 148: 590, 1983
chest tube perforation of the lung in premature infants: radiographic recognition. Strife JL; Smith P; Dunbar JS; et al. *Lung* 141: 73, 1983
multiple peripheral lung cysts and hemoptysis in an otherwise asymptomatic adult (ab). Holden WE; Mulkey DD; Kessler S; *Lung* 148: 327, 1983
primary chondrosarcoma of the lung (ab). Sun C-C; Kroll M; Miller JE; *Lung* 148: 327, 1983
- Lung, infarction**
venoocclusive pulmonary infarct: an unusual complication of fibrosing mediastinitis. Mendelson EB; Mintzer RA; Hidvegi DF; *Lung* 141: 175, 1983
- Lung, infection**
amiodarone pulmonary toxicity (ab). Marchlinski FE; Gansler TS; Waxman HL; et al. *Lung* 148: 589, 1983
balloon embolization of a mycotic pulmonary artery aneurysm (ab). Renie WA; Rodeheffer RJ; Mitchell S; et al. *Lung* 148: 592, 1983
bronchial carcinoid tumours: radio-clinical signs—a report of twenty-nine cases (ab). Marlin J; Pinet F; Loire R; et al. *Lung* 148: 590, 1983
clinocardiographic correlation with the extent of Legionnaire disease. Kroboth FJ; Yu VL; Reddy SC; et al. *Lung* 141: 263, 1983
- pulmonary and disseminated Mycobacterium simiae infection in humans (ab). Rose HD; Dorff GJ; Lauwasser M; et al. *Lung* 148: 589, 1983
- Lung, injuries**
radionuclide evaluation of lung trauma. Lull RJ; Tatum JL; Sugerman HJ; et al. *Lung* 13: 223, 1983
- Lung, lavage**
bronchoalveolar lavage, serum angiotensin-converting enzyme, and gallium-67 scanning in extrathoracic sarcoidosis (ab). Waller B; Ramon P; Fournier E; et al. *Lung* 148: 349, 1983
- Lung, nuclear magnetic resonance (NMR) studies**
NMR evaluation of hilar and mediastinal lymphadenopathy. Cohen AM; Creviston S; LiPuma JP; Bryan PJ; Haaga JR; Alfidi RJ; *Lung* 148: 739, 1983
- Lung, perforation**
chest tube perforation of the lung in premature infants: radiographic recognition. Strife JL; Smith P; Dunbar JS; et al. *Lung* 141: 73, 1983
- Lung, perfusion**
perfusion of nonventilated lung: failure of hypoxic vasoconstriction? Sostman HD; Neumann RD; Gottschalk A; et al. *Lung* 141: 151, 1983
- Lung, radiography**
assessment of activity in sarcoidosis: sensitivity and specificity of gallium-67 scintigraphy, serum ACE levels, chest roentgenography, and blood lymphocyte subpopulations (ab). Klech H; Kohn H; Kummer F; et al. *Lung* 148: 605, 1983
differentiating lung abscess and empyema: radiography and computed tomography. Stark DD; Federle MP; Goodman PC; et al. *Lung* 141: 163, 1983
scanned projection radiography of the chest versus standard film radiography: a comparison of 250 cases. Huebener K-H; *Lung* 148: 363, 1983
- Lung, radionuclide studies**
absolute quantitation of radiotracer uptake in the lungs using a gamma camera (ab). Macey DJ; Marshall R; *Lung* 148: 605, 1983
assessment of activity in sarcoidosis: sensitivity and specificity of gallium-67 scintigraphy, serum ACE levels, chest roentgenography, and blood lymphocyte subpopulations (ab). Klech H; Kohn H; Kummer F; et al. *Lung* 148: 605, 1983
bronchoalveolar lavage, serum angiotensin-converting enzyme, and gallium-67 scanning in extrathoracic sarcoidosis (ab). Waller B; Ramon P; Fournier E; et al. *Lung* 148: 349, 1983
Ga-67 scan as a prognostic indicator in primary lung carcinoma (ab). Higashi T; Nakamura K; Suzuki S; et al. *Lung* 148: 893, 1983
Ga-67 scanning for assessment of disease activity and therapy decisions in pulmonary sarcoidosis in comparison to chest radiography, serum ACE and blood T-lymphocytes (ab). Kohn H; Klech H; Mostbeck A; et al. *Lung* 148: 349, 1983
new apparatus for generating hygroscopic radioactive aerosols for inhalation studies (ab). Suzuki T; Swift DL; Wagner HN Jr; et al. *Lung* 148: 349, 1983
radionuclide evaluation of lung trauma. Lull RJ; Tatum JL; Sugerman HJ; et al. *Lung* 13: 223, 1983
regional lung ventilation in ankylosing spondylitis (ab). Parkin A; Robinson PJ; Hickling P; *Lung* 148: 605, 1983
- Lung, ventilation**
new apparatus for generating hygroscopic radioactive aerosols for inhalation studies (ab). Suzuki T; Swift DL; Wagner HN Jr; et al. *Lung* 148: 349, 1983
perfusion of nonventilated lung: failure of hypoxic vasoconstriction? Sostman HD; Neumann RD; Gottschalk A; et al. *Lung* 141: 151, 1983
regional lung ventilation in ankylosing spondylitis (ab). Parkin A; Robinson PJ; Hickling P; *Lung* 148: 605, 1983
- Lung neoplasms**
CT demonstration of postpneumonectomy tumor recurrence. Peters JC; Desai KK; *Lung* 141: 259, 1983
Ga-67 scan as a prognostic indicator in primary lung carcinoma (ab). Higashi T; Nakamura K; Suzuki S; et al. *Lung* 148: 893, 1983

Lung neoplasms

- leiomyomatous lung lesions: a proposed classification, Martin E, (AJR), 141: 269, 1983
- Lung neoplasms, biopsy**
- Pancoast syndrome and small cell lung cancer (ab), Johnson DH; Hainsworth JD; Greco FA, 148: 327, 1983
 - percutaneous biopsy of difficult mediastinal, hilar, and pulmonary lesions by computed-tomographic guidance and a modified coaxial technique, vanSonnenberg E; Lin AS; Deutsch AL; Mattrey RF, 148: 300, 1983
- Lung neoplasms, computed-tomographic diagnosis**
- computed tomography of interstitial pulmonary disease (ab), Kreel L, 148: 599, 1983
 - endobronchial lipoma demonstrated by CT, Mendelsohn SL; Fagelman D; Zwanger-Mendelsohn S, 148: 790, 1983
- Lung neoplasms, diagnosis**
- bronchial carcinoid tumours: radio-clinical signs—a report of twenty-nine cases (ab), Marlin J; Pinet F; Loire R; et al, 148: 590, 1983
 - lung cancer detected during a screening program using four-month chest radiographs, Muham JR; Miller WE; Fontana RS; Sanderson DR; Uhlenhopp MA, 148: 609, 1983
 - Pancoast syndrome and small cell lung cancer (ab), Johnson DH; Hainsworth JD; Greco FA, 148: 327, 1983
 - screening for lung cancer in a fixed population by biennial chest radiography, Hayabuchi N; Russell WJ; Murakami J; Nishitani H, 148: 369, 1983
- Lung neoplasms, metastases**
- normal adrenal glands in small cell lung carcinoma: CT-guided biopsy, Pagan JJ, (AJR), 140: 949, 1983
- Lung neoplasms, radiation-induced**
- pulmonary aspergillosis after radiation therapy (ab), Ward MJ; Davies D, 148: 352, 1983
- Lung neoplasms, secondary**
- solitary pulmonary metastases in high-risk melanoma patients: a prospective comparison of conventional and computed tomography, Heaston DK; Putman CE; Rodan BA; et al, (AJR), 141: 169, 1983
- Lung neoplasms, surgery**
- primary chondrosarcoma of the lung (ab), Sun C-C; Kroll M; Miller JE, 148: 327, 1983
- Lupus erythematosus**
- perinecrotic epiglottitis in systemic lupus erythematosus on high-dose corticosteroids (ab), Shalit M; Gross DJ; Levo Y, 148: 599, 1983
 - positron emission tomography in systemic lupus erythematosus: relation of cerebral vasculitis to PET findings, Hirashima M; Nonaka C; Abe T; et al, (AJNR), 4: 541, 1983
- Lymphatic system**
- Blastomycosis dermatidis and the adult respiratory distress syndrome (ab), Evans ME; Haynes JB; Atkinson JB; et al, 148: 589, 1983
- Lymphatic system, biopsy**
- equivocal lymphogram and lymph node aspiration: importance in staging carcinoma of the prostate (ab), Dan SJ; Efremidis SC; Train JS; et al, 148: 590, 1983
 - transabdominal fine needle aspiration and retroperitoneal lymph nodes in staging of genitourinary tract cancer (correlation with lymphography and lymph node dissection findings) (ab), Waisman Z; Gammarra M; Park JJ; et al, 148: 590, 1983
- Lymphatic system, calcification**
- computed tomographic evaluation of the pathologic lesion for the idiopathic diaphragmatic paralysis (ab), Shin MS; Ho K-J, 148: 887, 1983
- Lymphatic system, computed tomography**
- computed tomographic evaluation of the pathologic lesion for the idiopathic diaphragmatic paralysis (ab), Shin MS; Ho K-J, 148: 887, 1983
 - computed tomography of cervical and retropharyngeal lymph nodes: normal anatomy, variants of normal, and applications in staging head and neck cancer, part I: normal anatomy, Mancuso AA; Harnsberger HR; Muraki AS; Stevens MH, 148: 709, 1983
 - computed tomography of cervical and retropharyngeal lymph nodes: normal anatomy, variants of normal, and applications in staging head and neck cancer, part II: pathology, Mancuso AA; Harnsberger HR; Muraki AS; Stevens MH, 148: 715, 1983

computed tomography of cervical lymph nodes, Reede DL; Bergeron RT; Whelan MA; et al, (RG), 3: 339, 1983

computed tomography of the cervical lymph nodes: use of intravenous contrast enhancement, Silver AJ; Mawad ME; Hilal SK; et al, (AJNR), 4: 861, 1983

radiation therapy of non-Hodgkin's lymphoma stages I and II (ab), Hagberg H; Glimelius B; Sundstrom C, 148: 895, 1983

Lymphatic system, diseases

- conventional roentgen diagnosis of mediastinal lymphadenopathy (ab), Neufang KFR; Beyer D; Peters PE, 148: 599, 1983
- CT anatomy of hilar lymphadenopathy, Sone S; Higashihara T; Morimoto S; et al, (AJR), 140: 887, 1983

Lymphatic system, neoplasms

- carcinoma of the nasopharynx (ab), Celli E; Chiavacci O; Olmi P; et al, 148: 341, 1983
- computed tomography in pararenal and perirenal lesions (ab), Lamki N; Raval B, 148: 600, 1983
- computed tomography of cervical and retropharyngeal lymph nodes: normal anatomy, variants of normal, and applications in staging head and neck cancer, part II: pathology, Mancuso AA; Harnsberger HR; Muraki AS; Stevens MH, 148: 715, 1983
- detection of neoplastic lymph node involvement in the retroperitoneal space (ab), David E; van Kaick G; Ikinger U; et al, 148: 343, 1983
- I-125 implantation for carcinoma of prostate (ab), Grossman HB; Batata M; Hilaris B; et al, 148: 607, 1983
- transabdominal fine needle aspiration and retroperitoneal lymph nodes in staging of genitourinary tract cancer (correlation with lymphography and lymph node dissection findings) (ab), Waisman Z; Gammarra M; Park JJ; et al, 148: 590, 1983

Lymphatic system, radionuclide studies

- thorax secondary to superior vena caval obstruction (ab), Seibert JJ; Colladay ES; Keller C, 148: 334, 1983
- traumatic lymphocoele: demonstration by lymphoscintigraphy with modified ^{99m}Tc sulfur colloid, Ellis MC; Gordon L; Gobien RP; et al, (AJR), 140: 973, 1983

Lymphatic system, therapeutic radiology

- postirradiation osteogenic sarcoma with unilateral metastatic spread within the field of irradiation (ab), Young JW; Liebscher LA, 148: 896, 1983

Lymph nodes

See Lymphatic system

Lymphocyte

- traumatic lymphocoele: demonstration by lymphoscintigraphy with modified ^{99m}Tc sulfur colloid, Ellis MC; Gordon L; Gobien RP; et al, (AJR), 140: 973, 1983

Lymphocytes

- assessment of activity in sarcoidosis: sensitivity and specificity of gallium-67 scintigraphy, serum ACE levels, chest roentgenography, and blood lymphocyte subpopulations (ab), Klech H; Kohn H; Kummer F; et al, 148: 605, 1983
- bronchoalveolar lavage, serum angiotensin-converting enzyme, and gallium-67 scanning in extrathoracic sarcoidosis (ab), Wallaert B; Ramon P; Fournier E; et al, 148: 349, 1983
- Ga-67 scanning for assessment of disease activity and therapy decisions in pulmonary sarcoidosis in comparison to chest radiography, serum ACE and blood T-lymphocytes (ab), Kohn H; Klech H; Mostbeck A; et al, 148: 349, 1983

Lymphography

- chilothorax secondary to superior vena caval obstruction (ab), Seibert JJ; Colladay ES; Keller C, 148: 334, 1983
- detection of neoplastic lymph node involvement in the retroperitoneal space (ab), David E; van Kaick G; Ikinger U; et al, 148: 343, 1983

equivocal lymphogram and lymph node aspiration: importance in staging carcinoma of the prostate (ab), Dan SJ; Efremidis SC; Train JS; et al, 148: 590, 1983

radiation therapy of non-Hodgkin's lymphoma stages I and II (ab), Hagberg H; Glimelius B; Sundstrom C, 148: 895, 1983

Lymphoma

- See also Hodgkin's disease
adrenal involvement in non-Hodgkin lymphoma, Paling MR; Williamson BRJ, (AJR), 141: 303, 1983

computed tomography in pararenal and perirenal lesions (ab), Lamki N; Raval B, 148: 600, 1983

computed tomography of the cervical lymph nodes: use of intravenous contrast enhancement, Silver AJ; Mawad ME; Hilal SK; et al, (AJNR), 4: 861, 1983

detection of neoplastic lymph node involvement in the retroperitoneal space (ab), David E; van Kaick G; Ikinger U; et al, 148: 343, 1983

large-cell lymphoma of the spleen: CT appearance, Meyer JE; Harris NL; Elman A; Stomper PC, 148: 199, 1983

mycosis fungoidea: manifestations on computed tomography, Shapero LG; Young SW, 148: 202, 1983

primary gastric lymphoma (ab), Dworkin B; Lightdale CJ; Weingrad DN; et al, 148: 351, 1983

radiological study of two disseminated malignant non-Hodgkin lymphomas affecting only the bones in children (ab), Vanel D; Bayle C; Hartmann O; et al, 148: 883, 1983

second cancers following radiotherapy for cervical cancer (ab), Kleinerman RA; Curtis RE; Boice JD Jr; et al, 148: 352, 1983

steroid-induced remissions in CNS lymphoma (ab), Singh A; Stroboz RJ; Singh BM; et al, 148: 596, 1983

Lymphoma, therapeutic radiology

- primary gastric lymphoma (ab), Dworkin B; Lightdale CJ; Weingrad DN; et al, 148: 351, 1983

radiation therapy of non-Hodgkin's lymphoma stages I and II (ab), Hagberg H; Glimelius B; Sundstrom C, 148: 895, 1983

Lymphoscintigraphy

See Lymphatic system, radionuclide studies

M

Mach bands

- posterior pleural reflections, Genereux GP, (AJR), 141: 141, 1983

Magnification

- stereoscopic magnification in spinal angiography, Vogelsang H; Dietz K, (AJNR), 4: 588, 1983

Malabsorption

- secondary hyperparathyroidism and brown tumors in a patient with gluten enteropathy, Ehrlich GW; Genant HK; Kolb FO, (AJR), 141: 381, 1983

Mammography

See Breast radiography

Mastoid

- adult-onset fluid in the tympanostomoid compartment (ab), Schuknecht HF; Zaytoun GM; Moon GN, 148: 886, 1983

Mastoid, computed tomography

- high-resolution computed tomography of the middle ear and mastoid, part I: normal anatomy including normal variations, Swartz JD, 148: 449, 1983

high-resolution computed tomography of the middle ear and mastoid, part II: tubotympanic disease, Swartz JD; Goodman RS; Russell KB; Marlowe FI; Wolfson RJ, 148: 455, 1983

high-resolution computed tomography of the middle ear and mastoid, part III: surgically altered anatomy and pathology, Swartz JD; Goodman RS; Russell KB; Ladenheim SE; Wolfson RJ, 148: 461, 1983

Meconium

- meconium peritonitis—observations in 115 cases and antenatal diagnosis (ab), Ya-Xiong S; Lian-Chen S, 148: 335, 1983

meconium peritonitis with accompanying pseudocyst: prenatal sonographic diagnosis, McGahan JP; Hanson F, 148: 125, 1983

Mediastinitis

- CT of fibrosing mediastinitis: findings and their utility, Weinstein JB; Aronberg DJ; Sagel SS, (AJR), 141: 247, 1983

purulent mediastinal abscess secondary to Ludwig's angina (ab), Snow N; Lucas AE; Grau M; et al, 148: 886, 1983

Muscles, diseases

- venoocclusive pulmonary infarct: an unusual complication of fibrosing mediastinitis, Mendelson EB; Mintzer RA; Hidvegi DF, (AJR), 141: 175, 1983
- Mediastinum, abscess**
purulent mediastinal abscess secondary to Ludwig's angina (ab), Snow N; Lucas AE; Grau M, et al, 148: 886, 1983
- Mediastinum, biopsy**
fine-needle aspiration biopsy of mediastinal masses: evaluation of 136 experiences, Adler OB; Rosenberger A; Peleg H, (AJR), 140: 893, 1983
percutaneous biopsy of difficult mediastinal, hilar, and pulmonary lesions by computed tomographic guidance and a modified coaxial technique, vanSonnenberg E; Lin AS; Deutsch AL; Mattrey RF, 148: 300, 1983
- Mediastinum, computed tomography**
CT of fibrosing mediastinitis: findings and their utility, Weinstein JB; Aronberg DJ; Sagel SS, (AJR), 141: 247, 1983
purulent mediastinal abscess secondary to Ludwig's angina (ab), Snow N; Lucas AE; Grau M, et al, 148: 886, 1983
- Mediastinum, neoplasms**
fine-needle aspiration biopsy of mediastinal masses: evaluation of 136 experiences, Adler OB; Rosenberger A; Peleg H, (AJR), 140: 893, 1983
infectious mononucleosis associated with an anterior mediastinal mass (ab), Martinez RO; Coll de Tero G; Brotad FM, et al, 148: 593, 1983
NMR evaluation of hilar and mediastinal lymphadenopathy, Cohen AM; Creviston S; LiPuma JP; Bryan PJ; Haaga JR; Alfidi RJ, 148: 739, 1983
- Mediastinum, nuclear magnetic resonance (NMR) studies**
NMR evaluation of hilar and mediastinal lymphadenopathy, Cohen AM; Creviston S; LiPuma JP; Bryan PJ; Haaga JR; Alfidi RJ, 148: 739, 1983
- Mediastinum, radiography**
conventional roentgen diagnosis of mediastinal lymphadenopathy (ab), Neufang KFR; Beyer D; Peters PE, 148: 599, 1983
scanned projection radiography of the chest versus standard film radiography: a comparison of 250 cases, Huebener K-H, 148: 363, 1983
- Medulla oblongata**
brain stem necrosis after irradiation of pituitary adenoma (ab), Fukamachi A; Wakao T; Akai J, 148: 596, 1983
central pontine myelinolysis: correlation between CT and electrophysiologic data, Szentesi J; Baleriaux D; Borenstein S, et al, (AJNR), 4: 529, 1983
computed tomography of olivopontocerebellar degeneration, Savoiodi M; Bracci M; Passerini A, et al, (AJNR), 4: 509, 1983
evaluation of the brainstem with high-resolution CT in cerebellar atrophic processes, Abe S; Miyasaka K; Tashiro K, et al, (AJNR), 4: 446, 1983
importance of auditory brainstem responses in the CT diagnosis of traumatic brainstem lesions, Zuccarello M; Fiore DL; Pardatscher K, et al, (AJNR), 4: 481, 1983
monitoring of hemispheric or brainstem functions with neurophysiologic methods during interventional neuroradiology, Hacke W; Zeumer H; Berg-Dammer E, (AJNR), 4: 382, 1983
- Melanoma**
imaging of human melanoma xenografts in nude mice with a radiolabeled monoclonal antibody (ab), Ghose T; Ferrone S; Imai K, et al, 148: 608, 1983
malignant melanoma of the choroid in the nevus of Ota of a black patient (ab), Nik NA; Glew WB; Zimmerman LE, 148: 340, 1983
solitary pulmonary metastases in high-risk melanoma patients: a prospective comparison of conventional and computed tomography, Heaston DK; Putman CE; Rodan BA, et al, (AJR), 141: 169, 1983
- Meliorostosis**
See Bones, sclerosis
- Memory**
amnesia after femorocerebral angiography, Pexman JHW; Coates RK, (AJNR), 4: 979, 1983
- Meninges, hemorrhage**
chronic lumbar extradural hematoma: CT findings, Levitan LH; Wiens CW, 148: 707, 1983
- Meninges, inflammation**
See Meningitis
- Meninges, neoplasms**
intracranial intravenous digital subtraction angiography (ab), Enzmann DR; Brody WR; Riederer S, et al, 148: 339, 1983
- Meningitis**
bacterial meningitis in infants: sonographic features, Rosenberg HK; Levine RS; Stoltz K, et al, (AJNR), 4: 822, 1983
complications of citrobacter neonatal meningitis: assessment by real-time cranial sonography correlated with CT, Levine RS; Rosenberg HK; Zimmerman RA; et al, (AJNR), 4: 668, 1983
CT parenchymal abnormalities in bacterial meningitis: clinical significance (ab), Packer RJ; Bieliuk LT; Zimmerman RA, 148: 593, 1983
new, treatable source of recurrent meningitis: basiocipital meningocele (ab), Hemphill M; Freeman JM; Martinez CR, et al, 148: 880, 1983
ruptured spinal ependymoma simulating bacterial meningitis (ab), Okawara S, 148: 885, 1983
ulcerating enteritis associated with flucytosine therapy (ab), White CA; Traube J, 148: 329, 1983
- Meningoencephalocele**
new, treatable source of recurrent meningitis: basiocipital meningocele (ab), Hemphill M; Freeman JM; Martinez CR, et al, 148: 880, 1983
- Mercury**
Minamata disease (organic mercury poisoning): neuroradiologic and electrophysiologic studies (ab), Tokumori H; Uchino M; Imamura S, et al, 148: 884, 1983
- Mesothelioma**
comparative study of mesothelioma and asbestos using computed tomography and conventional chest radiography (L), Solomon A, 148: 316, 1983
comparative study of mesothelioma and asbestos using computed tomography and conventional chest radiography: reply (L), Rabinowitz JG, 148: 316, 1983
comparative study of mesothelioma and asbestos using computed tomography and conventional chest radiography: further comment (L), Solomon A, 148: 316, 1983
diagnosis of peritoneal mesothelioma: computed tomography, sonography, and fine-needle aspiration biopsy, Reuter K; Raptopoulos V; Reale F, et al, (AJR), 140: 1983
- Methotrexate**
chemical pleuritis as the cause of acute chest pain following high-dose methotrexate treatment (ab), Urban C; Nirenberg A; Caparros B, et al, 148: 873, 1983
- Metrizamide**
assessment of craniocervical junction and atlantoaxial relation using metrizamide-enhanced CT in flexion and extension, Osborne D; Triolo P; Dubois P, et al, (AJNR), 4: 843, 1983
binding of metrizamide to human serum proteins (ab), Wirell S, 148: 606, 1983
cardiovascular effects of metrizamide in infants, DiSessa TG; Zednikova M; Hirashi S; Jarmakani HM; Higgins CB; Friedman WF, 148: 687, 1983
cervical disk syndromes: value of metrizamide myelography and diskography, Hartjes H; Roosen K; Grote W, et al, (AJNR), 4: 644, 1983
comparative hemodynamic effect of metrizamide and Renografin 76 in infants with congenital heart disease, Baltaxe HA; Mooring P; Kugler J, et al, (AJR), 140: 1097, 1983
discrepancy between metrizamide CT and myelography in diagnosis of cervical disk protrusions, Nakagawa H; Okumura T; Sugiyama T, et al, (AJNR), 4: 604, 1983
elimination of metrizamide from the spinal subarachnoid space: a study of patients with abolished intracranial circulation, Eldevik OP, (AJNR), 4: 585, 1983
experimental myocardial ischemia II: radiographic contrast media toxicity (ab), Serur JR; Als AV; Paulin S, 148: 328, 1983
- patterns of spinal cord atrophy by metrizamide CT, Mawad ME; Hilal SK; Fetell MR, et al, (AJNR), 4: 611, 1983
percutaneous injection of metrizamide into spinal cord cysts for preoperative diagnosis of syringomyelia, Emde H; Piegras U, (AJNR), 4: 622, 1983
- Metrizamide, complications**
adverse reactions to myelography with metrizamide in infants, children, and adolescents. I. general and CNS effects (ab), Pettersson H; Fitz CR; Harwood-Nash DC, et al, 148: 880, 1983
- Microbubbles**
can tracking of contrast echocardiographic targets be used to measure intracardiac flow velocities (ab), Valdes-Cruz LM; Sahn DJ; Horowitz S, et al, 148: 890, 1983
- Microwaves**
interstitial hyperthermia in combination with brachytherapy, Coughlin CT; Douple EB; Strohbehn JW; Eaton WL Jr; Trembley BS; Wong TZ, 148: 285, 1983
microwave-induced hyperthermia and ionizing radiation (ab), Lindholm C-E; Kjellen E; Landberg T, et al, 148: 894, 1983
technique for microwave-induced hyperthermia in superficial human tumours (ab), Nilsson P; Persson B; Kjellen E, et al, 148: 894, 1983
- Migraine**
CT changes associated with migraine, du Boulay GH; Ruiz JS; Rose FC, et al, (AJNR), 4: 427, 1983
- Minamata disease**
See Mercury
- Misonidazole**
radiotherapy combined with hypoxic sensitization during radiotherapy of a solid murine tumor, Mendiola OA; Grigsby PW; Beach JL, 148: 291, 1983
- Mitral valve**
two-dimensional echocardiographic identification of high anatomically inserted venous atrioventricular valve in the diagnosis of corrected transposition of the great arteries (ab), Motro M; Schneeweiss A; Sem-Tov A, et al, 148: 603, 1983
- Mitral valve, prolapse**
tricuspid valve prolapse: a common occurrence in the click-murmur syndrome (ab), Schlamowitz RA; Gross S; Keating E, et al, 148: 603, 1983
- Mitral valve, regurgitation**
assessment of transesophageal pulsed Doppler echocardiography in the detection of mitral regurgitation (ab), Schluter M; Langenstein BA; Hanrath P, et al, 148: 346, 1983
- Mitral valve, ultrasound studies**
tricuspid valve prolapse: a common occurrence in the click-murmur syndrome (ab), Schlamowitz RA; Gross S; Keating E, et al, 148: 603, 1983
- Mono-nucleosis, infectious**
infectious mononucleosis associated with an anterior mediastinal mass (ab), Martinez RO; Coll de Tero G; Brotad FM, et al, 148: 593, 1983
- Mouth, neoplasms**
CT of the oropharynx, tongue base, and floor of the mouth: normal anatomy and range of variations, and applications in staging carcinoma, Muraki AS; Mancuso AA; Harnsberger HR; Johnson LP; Meads GB, 148: 725, 1983
- Mouth, radiography**
oral radiology (bk rev), Poyton HG, Reviewed by Cacciotti LR, 148: 156, 1983
- Muscles**
See also Soft tissues
- Muscles, abnormalities**
psoriasis compartment disease studied by computed tomography: analysis of 50 cases and subject review, Feldberg MAM; Koehler PR; van Waes PF, 148: 505, 1983
- Muscles, computed tomography**
chronic orbital myositis (ab), Bullen CL; Younge BR, 148: 597, 1983
psoriasis compartment disease studied by computed tomography: analysis of 50 cases and subject review, Feldberg MAM; Koehler PR; van Waes PF, 148: 505, 1983
role of imaging modalities in diagnosis and management of pyomyositis (ab), Youssefzadeh DK; Schumann EM; Mulligan GM, et al, 148: 882, 1983
- Muscles, diseases**
CT of primary muscle diseases, Jiddane M; Gastaut JL; Pellissier JF, et al, (AJNR), 4: 773, 1983

Muscles, diseases

- ultrasound imaging in the diagnosis of muscle disease (ab), Heckmatt JZ; Leeman S; Dubowitz V, **148**: 336, 1983
- Muscles, effects of drugs on**
radiology of musculoskeletal complications of drug addiction, Firooznia H; Golimbu C; Rafai M; et al, (SR), **18**: 198, 1983
- Muscles, hemorrhage**
rectus sheath hematomas simulating pelvic pathology: the ultrasound appearances (ab), Benson M, **148**: 348, 1983
- Muscles, papillary**
two-dimensional echocardiographic recognition of papillary muscle fibrosis in pediatric patients (ab), Riggs TW; Berry TE; Paul MH, **148**: 880, 1983
- Muscles, psoas**
psoas compartment disease studied by computed tomography: analysis of 50 cases and subject review, Feldberg MAM; Koehler PR; van Waes PFGM, **148**: 505, 1983
- Muscles, radiography**
role of imaging modalities in diagnosis and management of pyomyositis (ab), Yousefzadeh DK; Schumann EM; Mulligan GM; et al, **148**: 882, 1983
- Muscles, ultrasound studies**
role of imaging modalities in diagnosis and management of pyomyositis (ab), Yousefzadeh DK; Schumann EM; Mulligan GM; et al, **148**: 882, 1983
- ultrasound imaging in the diagnosis of muscle disease (ab), Heckmatt JZ; Leeman S; Dubowitz V, **148**: 336, 1983
- Myasthenia gravis**
age-related changes in the thymus gland: CT-pathologic correlation, Moore AV; Korobkin M; Olanow W; et al, (AJR), **141**: 241, 1983
- Mycosis fungoidea**
mycosis fungoide: manifestations on computed tomography, Shapeero LG; Young SW, **148**: 202, 1983
- Myelography**
See also Spinal cord; Spine
advantages of supplemental CT in myelography of intraspinal masses, Tadmor R; Cacayorin ED; Kieffer SA, (AJNR), **4**: 618, 1983
assessment of craniocervical junction and atlantoaxial relation using metrizamide-enhanced CT in flexion and extension, Osborne D; Triolo P; Dubois P; et al, (AJNR), **4**: 843, 1983
cervical disk syndromes: value of metrizamide myelography and diskography, Hartjes H; Roosen K; Grote W; et al, (AJNR), **4**: 644, 1983
computed air myelography of the lumbosacral spine, Tan WS; Spigos DG; Khine N; et al, (AJNR), **4**: 609, 1983
discrepancy between metrizamide CT and myelography in diagnosis of cervical disk protrusions, Nakagawa H; Okumura T; Sugiyama T; et al, (AJNR), **4**: 604, 1983
influence of spinal posture on abnormalities demonstrated by lumbar myelography, Wilming JT; Penning L, (AJNR), **4**: 656, 1983
morphology and dimensions of the thoracic cord by computer-assisted metrizamide myelography, Gellat F; Rao KCVG; Joseph PM; et al, (AJNR), **4**: 614, 1983
myelopathy and radiculopathy due to cervical spondylosis: myelographic-CT correlations, Scotti G; Scialfa G; Pieralli S; et al, (AJNR), **4**: 601, 1983
ruptured spinal ependymoma simulating bacterial meningitis (ab), Okawara S, **148**: 885, 1983
spinal extradural arachnoid pouches (ab), McCrum C; Williams B, **148**: 885, 1983
- Myelography, complications**
adverse reactions to myelography with metrizamide in infants, children, and adolescents. II. local injury caused by lumbar puncture and injection of contrast medium (ab), Pettersson H; Fitz CR; Harwood-Nash DCF; et al, **148**: 880, 1983
double-blind study of effects of enkephalinase inhibitor on adverse reactions to myelography, Floras P; Bidabe A-M; Caillie J-M; et al, (AJNR), **4**: 653, 1983
- Myelography, contrast media**
clinical comparison of metrizamide and iopamidol for myelography, Turksi PA; Sackett JE; Gentry LR; et al, (AJNR), **4**: 309, 1983
- clinical experience with iopamidol for myelography, Bockenheimer SAM; Hillesheimer W, (AJNR), **4**: 314, 1983
- clinical trial of iotrol for lumbar myelography, Skutta T; Vogelsang H; Galanski M; et al, (AJNR), **4**: 302, 1983
- comparison of radiographic quality and adverse reactions in myelography with iopamidol and metrizamide, Bannon KR; Braun IF; Pinto RS; et al, (AJNR), **4**: 312, 1983
- iogluconate: a new nonionic contrast medium for myelography and cisternography with reduced neurotoxicity, Gonsette RE; Liesenborghs L, (AJNR), **4**: 304, 1983
- iohexol in lumbar myelography: preliminary results from an open, noncomparative multicenter clinical study, Eldeek OP; Nakstad P; Kendall BE; et al, (AJNR), **4**: 299, 1983
- iopamidol and metrizamide in cervical myelography: side effects, EEG, and CSF changes, Moschini L; Manara O; Bonaldi G; et al, (AJNR), **4**: 348, 1983
- iopamidol vs. metrizamide myelography: clinical comparison of side effect, Trevisan C; Malaguti C; Manfredini M; et al, (AJNR), **4**: 306, 1983
- iotrol, a new myelographic agent: 1. radiography, CT, CSF clearance, and brain penetration, Kerber CW; Sovak M; Ranganathan RS; et al, (AJNR), **4**: 317, 1983
- iotrol, a new myelographic agent: 2. comparative electroencephalographic evaluation by spectrum analysis, Sovak M; Ranganathan R; Kerber CW; et al, (AJNR), **4**: 319, 1983
- myelography with iopamidol, Lamb JT; Holland IM, (AJNR), **4**: 851, 1983
- residual myelographic contrast material seen on the chest radiograph, Parks RE; Dublin AB, **148**: 617, 1983
- side effects and resorption of iopamidol and iocarmate in lumbar myelography (ab), Stoeter P; Bergleiter R; Schneider I; et al, **148**: 597, 1983
- Myelography, in infants and children**
adverse reactions to myelography with metrizamide in infants, children, and adolescents. I. general and CNS effects (ab), Pettersson H; Fitz CR; Harwood-Nash DCF; et al, **148**: 880, 1983
- adverse reactions to myelography with metrizamide in infants, children, and adolescents. II. local injury caused by lumbar puncture and injection of contrast medium (ab), Pettersson H; Fitz CR; Harwood-Nash DCF; et al, **148**: 880, 1983
- Myeloma**
computed tomography in the early detection of skeletal involvement with multiple myeloma (ab), Helms CA; Genant HK, **148**: 888, 1983
- Myocardium**
See also Heart
dimensional correlates of left ventricular dilation in the presence of hypertrophy (ab), Al-Nouri MB; Ford LE; Wix H, **148**: 891, 1983
- Myocardium, computed tomography**
washout curves from myocardial infarctions in dogs, studied by contrast-enhanced computed tomography (ab), Palmer RG; Masuda Y; Carlson E, **148**: 887, 1983
- Myocardium, infarction**
acute coronary artery occlusion during percutaneous transluminal coronary angioplasty: reopening by intracoronary streptokinase before emergency coronary artery surgery to prevent myocardial infarction (ab), Schofer J; Krebber H-J; Bleifeld W; et al, **148**: 592, 1983
- alternating unilateral pulmonary edema following pneumothorax in acute myocardial infarction (ab), Keren A; Tzivoni D; Stern S, **148**: 874, 1983
- early diagnosis of nontransmural myocardial infarction by two-dimensional echocardiography (ab), Loh IK; Charuzi Y; Beeler C; et al, **148**: 344, 1983
- epicardial mapping of segmental myocardial function: an echocardiographic method applicable in man (ab), Likoff M; Reichert N; St. John Sutton M; et al, **148**: 344, 1983
- evaluation of changes in left ventricular end-diastolic pressure by left atrial two-dimensional echocardiography (ab), Haendchen RV; Povzhitkov M; Meerbaum S; et al, **148**: 346, 1983
- multiple coronary vasospasm: a cause of repeated myocardial infarction and symptomatic "torsade de pointes" (atypical ventricular tachycardia) (ab), Przybojewski JZ, **148**: 874, 1983
- myocardial rupture after myocardial infarction (ab), Nicod P; Corbett J; Leachman R; et al, **148**: 349, 1983
- new therapy for acute myocardial infarction: intracoronary thrombolysis (ab), Fuentes F; Smalling RW; Freund GC; et al, **148**: 874, 1983
- percutaneous transluminal coronary angioplasty immediately after intracoronary stentolysis of transmural myocardial infarction (ab), Meyer J; Merk W; Schmitz H; et al, **148**: 332, 1983
- percutaneous transluminal coronary artery recanalization in evolving myocardial infarction (ab), Rentrop P; Blanke H, **148**: 332, 1983
- washout curves from myocardial infarctions in dogs, studied by contrast-enhanced computed tomography (ab), Palmer RG; Masuda Y; Carlson E, **148**: 887, 1983
- Myocardium, ischemia**
experimental myocardial ischemia II:
radiographic contrast media toxicity (ab), Serur JR; Als AV; Paulin S, **148**: 328, 1983
- improved left ventricular diastolic filling in patients with coronary artery disease after percutaneous transluminal coronary angioplasty (ab), Bonow RO; Kent KM; Rosing DR; et al, **148**: 879, 1983
- myocardial perfusion evaluated by contrast echocardiography (ab), Klicpera M; Glogar D; Mayr H; et al, **148**: 602, 1983
- Myocardium, radionuclide studies**
comparative study of thallium emission myocardial tomography with 180° and 360° data collection (ab), Tamaki N; Mukai T; Ishii Y; et al, **148**: 606, 1983
- new therapy for acute myocardial infarction: intracoronary thrombolysis (ab), Fuentes F; Smalling RW; Freund GC; et al, **148**: 874, 1983
- Myocardium, ultrasound studies**
early diagnosis of nontransmural myocardial infarction by two-dimensional echocardiography (ab), Loh IK; Charuzi Y; Beeler C; et al, **148**: 344, 1983
- epicardial mapping of segmental myocardial function: an echocardiographic method applicable in man (ab), Likoff M; Reichert N; St. John Sutton M; et al, **148**: 344, 1983
- myocardial perfusion evaluated by contrast echocardiography (ab), Klicpera M; Glogar D; Mayr H; et al, **148**: 602, 1983
- Myoma**
leiomyomatous lung lesions: a proposed classification, Martin E, (AJR), **141**: 269, 1983
- Myosarcoma**
interlbral masses in little girls: review and imaging recommendations, Nussbaum AR; Lebowitz RL, (AJR), **141**: 65, 1983
- Myositis**
chronic orbital myositis (ab), Bullen CL; Younge BR, **148**: 597, 1983
- idiopathic orbital myositis (ab), Slavin ML; Glaser JS, **148**: 340, 1983
- role of imaging modalities in diagnosis and management of pyomyositis (ab), Yousefzadeh DK; Schumann EM; Mulligan GM; et al, **148**: 882, 1983
- Myotis ossificans**
"pelvic" digit—an unusual developmental anomaly (ab), Greenspan A; Norman A, **148**: 877, 1983
- Myxoma**
computed tomography of intramuscular myxoma (ab), Ekelund L; Herrlin K; Rydholm A, **148**: 888, 1983
- left ventricular myxoma: M-mode and two-dimensional echocardiographic features (ab), Mazer MS; Harrigan PR, **148**: 347, 1983

N

- Nasopharynx, computed tomography**
differential diagnosis of nasopharyngeal tumors by computed tomography scanning (ab), Hoover LA; Hanafee WN, **148**: 886, 1983
- Nasopharynx, neoplasms**
carcinoma of the nasopharynx (ab), Cellai E; Chiavacci A; Olmi P; et al, **148**: 341, 1983

- differential diagnosis of nasopharyngeal tumors by computed tomography scanning (ab), Hoover LA; Hanafee WN, **148**: 886, 1983
- nasopharyngeal carcinoma in the second decade of life, Vita HC; Mendiondo OA; Shaw DL; Jelden G; Rene JB; Frias Z; Someren A, **148**: 253, 1983
- nasopharyngeal paraganglioma (ab), Schuller DE; Lucas JG, **148**: 341, 1983
- Neck**
- Eagle syndrome, Lorman JG; Biggs JR, (AJR), **140**: 881, 1983
 - Neck, angiography**
 - angiographic detection of unsuspected carcinoma of the thyroid gland (ab), Lazar HL; Eckhauser FE; Thompson NW, **148**: 878, 1983 - Neck, computed tomography**
 - computed tomography of cervical and retropharyngeal lymph nodes: normal anatomy, variants of normal, and applications in staging head and neck cancer, part I: normal anatomy, Mancuso AA; Harnsberger HR; Muraki AS; Stevens MH, **148**: '09, 1983
 - computed tomography of cervical and retropharyngeal lymph nodes: normal anatomy, variants of normal, and applications in staging head and neck cancer, part II: pathology, Mancuso AA; Harnsberger HR; Muraki AS; Stevens MH, **148**: 715, 1983
 - computed tomography of the neck in the postoperative patient: radical neck dissection and myocutaneous flap, Som PM; Biller HF, **148**: 157, 1983 - Neck, neoplasms**
 - computed tomography of cervical and retropharyngeal lymph nodes: normal anatomy, variants of normal, and applications in staging head and neck cancer, part II: pathology, Mancuso AA; Harnsberger HR; Muraki AS; Stevens MH, **148**: 715, 1983
 - computed tomography of the neck in the postoperative patient: radical neck dissection and myocutaneous flap, Som PM; Biller HF, **148**: 157, 1983
 - Neck, radionuclide studies**
 - gamut: neck imaging—hypervascularity in the neck on radionuclide angiography, Lin DS, (SNM), **13**: 301, 1983
 - gamut: neck imaging—hypovascularity in the neck on radionuclide angiography, Lin DS, (SNM), **13**: 303, 1983 - Neck, therapeutic radiology**
 - carcinoma of the tonsillar fossa (ab), Perez CA; Purdy JA; Breaux SR; et al, **148**: 598, 1983

Neoplasms

See also Radiations, injurious effects, neoplastic; Radiobiology; Therapeutic radiology; under names of individual neoplasms

pharmacangiography in the diagnosis of tumors (bk rev), Varga G, Reviewed by Dittman WI, **148**: 658, 1983

Neoplasms, computed tomography

 - computed tomography in hemophilic pseudotumor (ab), Pettersson H; Ahlberg A, **148**: 601, 1983
 - recurrent neuroblastoma: the role of CT and alternative imaging tests, Stark DD; Brasch RC; Moss AA; deLorimier AA; Albin AR; London DA; Gooding CA, **148**: 107, 1983

Neoplasms, embolization

 - preoperative angiography in patients with bone metastases (ab), Jonsson K; Johnell O, **148**: 591, 1983
 - preoperative embolization of retroperitoneal hemangiopericytomas as an aid in their removal (ab), Smullens SN; Scotti DJ; Osterholm JL; et al, **148**: 333, 1983

Neoplasms, experimental

 - CT characteristics of a transplanatable canine glioma model: preliminary kinetic analysis, Salmann M; Rao KCVG; Scott EW; et al, (AJNR), **4**: 786, 1983
 - electron microscopic autoradiography of the trachea in fetal Syrian golden hamsters treated transplacentally with N-nitrosodiethylamine (ab), Reznik-Schuller HM, **148**: 352, 1983
 - induction of mammary neoplasms in the ACI rat by 430-keV neutrons, x-rays, and diethylstilbestrol (ab), Shellabarger CJ; Chmelevsky D; Kellerer AM; et al, **148**: 352, 1983
 - radioprotection of human breast cancer cells by elevation of intracellular cyclic AMP, Griem K; Weichselbaum RR; Umans RS; Gifford L; Little JB, **148**: 289, 1983

Neoplasms, in infants and children

 - bilateral Wilms' tumor (ab), Vats TS; Seeman J, **148**: 881, 1983
 - computed tomography of primitive neuroectodermal tumors, Ganti SR; Silver AJ; Diefenbach P; et al, (AJNR), **4**: 819, 1983
 - intracranial tumors in the first year of life (ab), Jooma R; Kendall BE, **148**: 334, 1983
 - nasopharyngeal carcinoma in the second decade of life, Vita HC; Mendiondo OA; Shaw DL; Jelden G; Rene JB; Frias Z; Someren A, **148**: 253, 1983
 - neuroblastoma: diagnostic imaging and staging, Stark DD; Moss AA; Brasch RC; deLorimier AA; Albin AR; London DA; Gooding CA, **148**: 101, 1983
 - pseudoaneurysm nodule involving the orbit (ab), Floyd BB; Brown B; Isaacs H; et al, **148**: 334, 1983
 - recurrent neuroblastoma: the role of CT and alternative imaging tests, Stark DD; Brasch RC; Moss AA; deLorimier AA; Albin AR; London DA; Gooding CA, **148**: 107, 1983
 - review: infantile hemangiendothelioma of the liver: a radiologic-pathologic-clinical correlation, Dachman AH; Lichtenstein JE; Friedman AC; et al, (AJR), **140**: 1091, 1983

Neoplasms, metastasis

 - recurrent neuroblastoma: the role of CT and alternative imaging tests, Stark DD; Brasch RC; Moss AA; deLorimier AA; Albin AR; London DA; Gooding CA, **148**: 107, 1983

Neoplasms, nuclear magnetic resonance (NMR) studies

 - nuclear magnetic resonance imaging of a fibrosarcoma tumor implanted in the rat, Moos KL Jr; Davis PL; Kaufman L; Crooks LE; Sheldon PE; Miller T; Brito AC; Watt JC, **148**: 177, 1983
 - role of NMR imaging in the diagnosis and management of acoustic neuroma, Young IR; Bydder GM; Hall AS; et al, (AJNR), **4**: 223, 1983

Neoplasms, staging

 - computed tomography of cervical and retropharyngeal lymph nodes: normal anatomy, variants of normal, and applications in staging head and neck cancer, part I: normal anatomy, Mancuso AA; Harnsberger HR; Muraki AS; Stevens MH, **148**: 709, 1983
 - CT of the oropharynx, tongue base, and floor of the mouth: normal anatomy and range of variations, and applications in staging carcinoma, Muraki AS; Mancuso AA; Harnsberger HR; Johnson LP; Meads GB, **148**: 725, 1983
 - equivocal lymphogram and lymph node aspiration: importance in staging carcinoma of the prostate (ab), Dan SJ; Efremidis SC; Train JS; et al, **148**: 590, 1983
 - neuroblastoma: diagnostic imaging and staging, Stark DD; Moss AA; Brasch RC; deLorimier AA; Albin AR; London DA; Gooding CA, **148**: 101, 1983
 - normal adrenal glands in small cell lung carcinoma: CT-guided biopsy, Pagan JJ, (AJR), **140**: 949, 1983
 - transabdominal fine needle aspiration and retroperitoneal lymph nodes in staging of genitourinary tract cancer (correlation with lymphography and lymph node dissection findings) (ab), Waisman Z; Gammar M; Park JJ; et al, **148**: 590, 1983
 - use of CT to reduce understaging in prostatic cancer: comparison with conventional staging techniques, Emory TH; Reinke DB; Hill AL; et al, (AJR), **141**: 351, 1983

Neoplasms, therapeutic radiology

 - intracystic radiotherapy (90Y) of craniopharyngiomas: CT-guided stereotactic implantation of indwelling drainage system, Huk WJ; Mahilstedt J, (AJNR), **4**: 803, 1983
 - nasopharyngeal carcinoma in the second decade of life, Vita HC; Mendiondo OA; Shaw DL; Jelden G; Rene JB; Frias Z; Someren A, **148**: 253, 1983

Neoplasms, therapy

 - interstitial hyperthermia in combination with brachytherapy, Coughlin CT; Douple EB; Strohbehn JW; Eaton WL Jr; Tremblay BS; Wong TZ, **148**: 285, 1983
 - microwave-induced hyperthermia and ionizing radiation (ab), Lindholm C-E; Kjellen E; Landberg T; et al, **148**: 894, 1983

technique for microwave-induced hyperthermia in superficial human tumours (ab), Nilsson P; Persson B; Kjellen E; et al, **148**: 894, 1983

Nephrectomy

See Kidney, surgery

Nephritis

 - accuracy of ultrasound in the diagnosis of nonfunctioning kidneys (ab), Arafa NM; Fathi MM; Safwat M; et al, **148**: 604, 1983
 - empysematous pyelonephritis (ab), Cohen C, **148**: 888, 1983
 - replacement lipomatosis of the kidney: diagnosis by computed tomography and sonography, Subramanyam BR; Bosniak MA; Horii SC; Megibow AJ; Balthazar EJ, **148**: 791, 1983
 - Wegener's granulomatosis: prospective clinical and therapeutic experience with 85 patients for 21 years (ab), Fauci AS; Haynes BF; Katz P; et al, **148**: 874, 1983

Nerves, optic

 - clinical significance of extraocular muscle volumes in Graves' ophthalmopathy (ab), Feldon SE; Weiner JM, **148**: 341, 1983
 - computed tomographic identification of calcified optic nerve drusen, Ramirez H; Blatt ES; Hibrit NS, **148**: 137, 1983
 - computed tomography of chiasmal optic neuritis, Edwards MK; Gilmor RL; Franco JM, (AJNR), **4**: 816, 1983
 - malignant melanoma of the choroid in the nevus of Ota of a black patient (ab), Nik NA; Glew WB; Zimmerman LE, **148**: 340, 1983
 - neurosurgical management of optic glioma (ab), Tenny RT; Laws ER Jr; Young BR; et al, **148**: 338, 1983
 - special article: high-resolution CT of lesions of the optic nerve, Peyster RG; Hoover ED; Hershey BL; et al, (AJR), **140**: 869, 1983

Nerves, roots

 - hypertrophic neuropathy with spinal cord compression (ab), Carlin L; Biller J; Challa V; et al, **148**: 338, 1983

Nervous system, computed tomography

 - CT of carpal tunnel syndrome, John V; Nau HE; Nahser HC; et al, (AJNR), **4**: 770, 1983

Nervous system, diseases

 - cranial computed tomography in disorders of complex carbohydrate metabolism and related storage disease, Ludwig B; Kishikawa T; Wende S; et al, (AJNR), **4**: 431, 1983
 - CT of carpal tunnel syndrome, John V; Nau HE; Nahser HC; et al, (AJNR), **4**: 770, 1983
 - CT of primary muscle diseases, Jiddane M; Gastaut JL; Pellissier JF; et al, (AJNR), **4**: 773, 1983

Nervous system, effects of irradiation on

 - central nervous system changes after radiation therapy and/or chemotherapy: correlation of CT and autopsy findings, Wang A-M; Sklias DD; Rumbaugh CL; et al, (AJNR), **4**: 466, 1983

Nervous system, neoplasms

 - special article: high-resolution CT of lesions of the optic nerve, Peyster RG; Hoover ED; Hershey BL; et al, (AJR), **140**: 869, 1983
 - steroid-induced remissions in CNS lymphoma (ab), Singh A; Stroboff RJ; Singh BM; et al, **148**: 596, 1983

Neuritis

 - computed tomography of chiasmal optic neuritis, Edwards MK; Gilmor RL; Franco JM, (AJNR), **4**: 816, 1983

Neuroblastoma

 - neuroblastoma: diagnostic imaging and staging, Stark DD; Moss AA; Brasch RC; deLorimier AA; Albin AR; London DA; Gooding CA, **148**: 101, 1983
 - recurrent neuroblastoma: the role of CT and alternative imaging tests, Stark DD; Brasch RC; Moss AA; deLorimier AA; Albin AR; London DA; Gooding CA, **148**: 107, 1983

Neuroma

 - role of NMR imaging in the diagnosis and management of acoustic neuroma, Young IR; Bydder GM; Hall AS; et al, (AJNR), **4**: 223, 1983

Neuroradiology

 - atlas of neuroanatomy with radiologic correlation and pathologic illustration (bk rev), Dublin AB; Dublin WB, Reviewed by Kido DK, **148**: 706, 1983

Neuroradiology

- computer reformations of the brain and skull base (bk rev). Unsold R; Ostertag CB; DeGroot J; Newton TH. Reviewed by Kido DK, **148**: 706, 1983
- Neutrons**
residual injury in the spinal cord after treatment with x rays or neutrons (ab), Hornsey S; Myers R; Warren P, **148**: 608, 1983
- Non-Hodgkin's lymphoma**
See Lymphoma
- Normal variant**
computed tomography of cervical and retropharyngeal lymph nodes: normal anatomy, variants of normal, and applications in staging head and neck cancer part I: normal anatomy, Mancuso AA; Harnsberger HR; Muraki AS; Stevens MH, **148**: 709, 1983
- computed tomography of the normal sternum, Goodman LR; Teplick SK; Kay H, **(AJR)**, **141**: 219, 1983
- CT of the oropharynx, tongue base, and floor of the mouth: normal anatomy and range of variations, and applications in staging carcinoma, Muraki AS; Mancuso AA; Harnsberger HR; Johnson LP; Meads GB, **148**: 725, 1983
- epiglottic motion: video recording of muscular dysfunction, Curtis DJ; Sepulveda GU, **148**: 473, 1983
- high-resolution computed tomography of the middle ear and mastoid, part I: normal radioanatomy including normal variations, Swartz JD, **148**: 449, 1983
- os supratrochlear dorsale: a normal variant that may cause symptoms, Obermann WR; Loose HWC, **(AJR)**, **141**: 123, 1983
- Nuclear magnetic resonance (NMR)**
applications of nuclear magnetic resonance in medicine (ab), Pope JM, **148**: 343, 1983
- clinical prospects for nuclear magnetic resonance (ab), Worthington BS, **148**: 602, 1983
- Hammersmith clinical experience with nuclear magnetic resonance (ab), Steiner RE, **148**: 887, 1983
- NR anatomy of the larynx and tongue base, Lufkin RB; Larsson SG; Hanafee WN, **148**: 173, 1983
- nuclear magnetic resonance imaging of atherosclerotic disease, Herfkens RJ; Higgins CB; Hricak H; Lipton MJ; Crooks LE; Sheldon PE; Kaufman L, **148**: 161, 1983
- nuclear magnetic resonance imaging of syringomyelia, Yeates A; Brant-Zawadzki M; Norman D; et al, **(AJNR)**, **4**: 234, 1983
- nuclear magnetic resonance in bipolar affective disorders, Rangel-Guerra RA; Perez-Payán H; Minkoff L; et al, **(AJNR)**, **4**: 229, 1983
- nuclear magnetic resonance (NMR): a gray scale model for head images, Droege RT; Wiener SN; Rzeszotarski MS; Holland GN; Young IR, **148**: 763, 1983
- preliminary clinical results of proton (¹H) imaging of cranial neoplasms: in vivo measurements of T₁ and mobile proton density, Brady TJ; Buonanno FS; Pykett IL; et al, **(AJNR)**, **4**: 225, 1983
- Nuclear magnetic resonance (NMR), comparative studies**
initial experience with nuclear magnetic resonance (NMR) imaging of the human breast (ab), El Yousef SJ; Alfidi RJ; Duchesneau RH; et al, **148**: 602, 1983
- NMR demonstration of cerebral abnormalities: comparison with CT, Brant-Zawadzki M; Davis PL; Crooks LE; et al, **(AJR)**, **140**: 847, 1983
- NMR imaging of experimental brain abscess: comparison with CT, Brant-Zawadzki M; Enzmann DR; Placone RC Jr; et al, **(AJNR)**, **4**: 250, 1983
- nuclear magnetic resonance imaging in retroperitoneal fibrosis, Hricak H; Higgins CB; Williams RD, **(AJR)**, **141**: 35, 1983
- Nuclear magnetic resonance (NMR), contrast enhancement**
quantification of experimental myocardial infarction using nuclear magnetic resonance imaging and paramagnetic ion contrast enhancement in excised canine hearts (ab), Goldman MR; Brady TJ; Pykett IL; et al, **148**: 343, 1983
- Nuclear magnetic resonance (NMR), experimental**
in vivo NMR imaging of tissue sodium in the intact cat before and after acute cerebral stroke, Hilal SK; Maudsley AA; Simon HE; et al, **(AJNR)**, **4**: 245, 1983

- NMR evaluation of stroke in the rat, Bryan RN; Willcott MR; Schneiders NJ; et al, **(AJNR)**, **4**: 242, 1983
- NMR imaging of experimental brain abscess: comparison with CT, Brant-Zawadzki M; Enzmann DR; Placone RC Jr; et al, **(AJNR)**, **4**: 250, 1983
- nuclear magnetic resonance characteristics of fresh and fixed tissue: the effect of elapsed time, Thickman DI; Kundel HL; Wolf G, **148**: 183, 1983
- nuclear magnetic resonance imaging characteristics of gallstones in vitro, Moon KL Jr; Hricak H; Margulis AR; Bernholz R; Way LW; Filly RA; Crooks LE, **148**: 753, 1983
- nuclear magnetic resonance imaging of experimentally induced liver disease, Stark LD; Bass NM; Moss AA; Bacon BR; McKerrow JH; Cann CE; Brito A; Goldberg HI, **148**: 743, 1983
- nuclear magnetic resonance imaging of induced renal lesions, London DA; Davis PL; Williams RD; Crooks LE; Sheldon PE; Gooding CA, **148**: 167, 1983
- quantification of experimental myocardial infarction using nuclear magnetic resonance imaging and paramagnetic ion contrast enhancement in excised canine hearts (ab), Goldman MR; Brady TJ; Pykett IL; et al, **148**: 343, 1983
- Nuclear magnetic resonance (NMR), technology**
clinical prospects for nuclear magnetic resonance (ab), Worthington BS, **148**: 602, 1983
- initial experience with nuclear magnetic resonance (NMR) imaging of the human breast (ab), El Yousef SJ; Alfidi RJ; Duchesneau RH; et al, **148**: 602, 1983
- NMR evaluation of hilar and mediastinal lymphadenopathy, Cohen AM; Creiston S; LiPuma JP; Brady PJ; Haaga JR; Alfidi RJ, **148**: 739, 1983
- nuclear magnetic resonance (NMR) imaging in white matter disease of the brain using spin-echo sequences (ab), Young IR; Randell CP; Kaplan PW; et al, **148**: 887, 1983
- nuclear magnetic resonance techniques in medicine (ab), Bradbury EM; Radha GK; Allen PS, **148**: 887, 1983
- quantification of experimental myocardial infarction using nuclear magnetic resonance imaging and paramagnetic ion contrast enhancement in excised canine hearts (ab), Goldman MR; Brady TJ; Pykett IL; et al, **148**: 343, 1983
- Nuclear magnetic resonance (NMR), tissue characterization**
NMR tissue characterization in intracranial tumors: preliminary results, Hawkes RC; Holland GN; Moore WS; et al, **(AJNR)**, **4**: 830, 1983
- nuclear magnetic resonance characteristics of fresh and fixed tissue: the effect of elapsed time, Thickman DI; Kundel HL; Wolf G, **148**: 183, 1983
- nuclear magnetic resonance imaging of a fibrosarcoma tumor implanted in the rat, Moon KL Jr; Davis PL; Kaufman L; Crooks LE; Sheldon PE; Miller T; Brito AC; Watts JC, **148**: 177, 1983
- Nuclear medicine**
See Radionuclide imaging
- Nuclear reactors**
control of exposure of the public to ionizing radiation in the event of accident or attack: proceedings of a symposium held on April 27-29, 1981 (bk rev), National Council on Radiation Protection and Measurements, Reviewed by Griffiths HJ, **148**: 560, 1983
- Nuclides**
See Radionuclides
- Nutritional disorders**
cerebral atrophy in infants with protein energy malnutrition, El-Tatwy S; Badrawi N; El Bishlawy A, **(AJNR)**, **4**: 434, 1983

O

Obesity

- Blount disease (tibia vara): another skeletal disorder associated with childhood obesity (ab), Dietz WH Jr; Gross WL; Kirkpatrick JA Jr, **148**: 336, 1983

Obituaries

- Culver, Gordon J, **148**: 321, 1983
- Friedman, Milton, **148**: 579, 1983
- Geyman, Milton J, **148**: 321, 1983
- Henshall, George K, **148**: 870, 1983
- Hiebert, Peter E, **148**: 582, 1983
- Hilbush, Theodore F, **148**: 320, 1983
- Jamison, John Bryant, **148**: 581, 1983
- Johnsen, Sigurd E, **148**: 322, 1983
- Kelley, John P, **148**: 869, 1983
- Lull, George F, Jr, **148**: 579, 1983
- Marshak, Richard H, **148**: 580, 1983
- Martin, Francis, **148**: 867, 1983
- Middlemiss, John Howard, **148**: 868, 1983
- Miller, Edgar Allen, Jr, **148**: 320, 1983
- Nurnberger, Carl E, **148**: 869, 1983
- Oestreich, Mitchell, **148**: 867, 1983
- Rice, William T, **148**: 870, 1983
- Steel, William B, **148**: 322, 1983
- Stoddart, Thomas Glen, **148**: 581, 1983
- Thorton, Maurice J, **148**: 582, 1983
- Zimmerman, James B, **148**: 868, 1983
- Zwierling, Henry B, **148**: 580, 1983

Oncocytoma

- oncocytomas of the kidney (ab), Merino MJ; Livolsi VA, **148**: 330, 1983

Opinions

- Rolls Royces and compacts: selection of radiological instrumentation, Capp MP, **148**: 863, 1983
- Rolls Royces or compacts? selection of radiological instrumentation, Cockshott WP, **148**: 862, 1983
- transhepatic portal venous embolization of varices: pros and cons, Sos TA, **148**: 569, 1983

Orbit

- chronic orbital myositis (ab), Bullen CL; Young BE, **148**: 597, 1983

Orbit, computed tomography

- cavernous hemangiomas of the orbit: value of CT, angiography, and phlebography, Savoiodaro M; Strada L; Passerini A; et al, **(AJNR)**, **4**: 741, 1983

- clinical significance of extraocular muscle volumes in Graves' ophthalmopathy (ab), Feldon SE; Weiner JM, **148**: 341, 1983

- computed orbital phlebography of the cavernous sinuses, Ericson K; Bergstrand G, **(AJNR)**, **4**: 745, 1983

- computer analysis of orbital fat and muscle volumes in Graves ophthalmopathy, Forbes G; Gorman CA; Gehring D; et al, **(AJNR)**, **4**: 737, 1983
- idiopathic orbital myositis (ab), Slavin ML; Glaser JS, **148**: 340, 1983

- pseudorheumatoid nodule involving the orbit (ab), Floyd BB; Brown B; Isaacs H; et al, **148**: 334, 1983

Orbit, diseases

- computer analysis of orbital fat and muscle volumes in Graves ophthalmopathy, Forbes G; Gorman CA; Gehring D; et al, **(AJNR)**, **4**: 737, 1983

Orbit, fracture

- oblique lateral projection of the orbital floor (ab), Laurin S; Johansen CC, **148**: 598, 1983

Orbit, neoplasms

- cavernous hemangiomas of the orbit: value of CT, angiography, and phlebography, Savoiodaro M; Strada L; Passerini A; et al, **(AJNR)**, **4**: 741, 1983

- computed orbital phlebography of the cavernous sinuses, Ericson K; Bergstrand G, **(AJNR)**, **4**: 745, 1983

- NMR imaging in the evaluation of orbital tumors, Hawkes RC; Holland GN; Moore WS; et al, **(AJNR)**, **4**: 254, 1983

- pseudorheumatoid nodule involving the orbit (ab), Floyd BB; Brown B; Isaacs H; et al, **148**: 334, 1983

Orbit, nuclear magnetic resonance (NMR) studies

- NMR imaging in the evaluation of orbital tumors, Hawkes RC; Holland GN; Moore WS; et al, **(AJNR)**, **4**: 254, 1983

Orbit, radiography

- oblique lateral projection of the orbital floor (ab), Laurin S; Johansen CC, **148**: 598, 1983
- pseudorheumatoid nodule involving the orbit (ab), Floyd BB; Brown B; Isaacs H; et al, **148**: 334, 1983

Orbit, therapeutic radiology

- radiation retinopathy in diabetes mellitus (ab), Dhir SP; Joshi AV; Banerjee AK, **148**: 340, 1983

Parathyroid, hyperparathyroidism

Orbit, ultrasound studies

- idiopathic orbital myositis (ab), Slavin ML; Glaser JS, 148: 340, 1983
pseudoarthrotoic nodule involving the orbit (ab), Floyd BB; Brown B; Isaacs H; et al, 148: 334, 1983
ultrasonic tissue differentiation in small areas—the orbit as an example (ab), Buschmann W; Haigis W, 148: 890, 1983
ultrasound in ophthalmology (ab), Trier HG, 148: 890, 1983

Osteitis deformans

- incidence of bone sarcoma in Paget disease (L), Hall FM, 148: 865, 1983
incidence of bone sarcoma in Paget disease: reply (L), McLeod RA, 148: 865, 1983
Osteochondritis, deformans juvenilis
intermediate form of osteopetrosis with recessive inheritance (ab), Kaibara N; Katsuki I; Hotokobuchi T; et al, 148: 878, 1983
painful sequelae of coxa plana (ab), Clarke NMP; Harrison MHM, 148: 878, 1983

Osteoma

- computed tomography in suspected osteoid osteomas of tubular bones (ab), Herrlin K; Ekelund L; Lovdahl R; et al, 148: 889, 1983

Osteomalacia

- osteomalacia due to aluminum toxicity (ab), Cournot-Witmer G; Gagnadoux MF; Lebon P; et al, 148: 882, 1983

Osteomyelitis

- CT in pyogenic osteomyelitis of the spine, Kattapuram SV; Phillips WC; Boyd R, (AJR), 140: 1199, 1983
osteomyelitis in the diabetic foot: a difficult diagnostic challenge, Mendelson EB; Fisher MR; Deschner TW; et al, (RG), 3: 248, 1983
pulmonary and disseminated Mycobacterium simiae infection in humans (ab), Rose HD; Dorff GJ; Lauwasser M; et al, 148: 589, 1983
scintigraphic evaluation of diabetic osteomyelitis: concise communication (ab), Park H-M; Wheat LJ; Siddiqui AR; et al, 148: 350, 1983

Osteopetrosis

- See Bones, osteochondrodysplasias

Osteoporosis

- quantitative computed tomography of vertebral spongiosa: a sensitive method for detecting early bone loss after oophorectomy (ab), Genant HK; Cann CE; Ettinger B; et al, 148: 342, 1983
scintigraphy in the evaluation of potential fracture healing: a clinical study of tibial fractures (ab), Auchincloss JM; Watt I, 148: 893, 1983

- spinal epidural extramedullary hematopoiesis with spinal cord compression in a patient with refractory sideroblastic anemia (ab), Heffez DS; Sawaya R; Udarhelyi GB; et al, 148: 338, 1983

Osteosarcoma

- purely lytic osteosarcoma (ab), deSantos LA; Edeiken B, 148: 889, 1983

Otitis

- adult-onset fluid in the tympanostomoid compartment (ab), Schuknecht HF; Zaytoun GM; Moon GN, 148: 886, 1983

Ovary, neoplasms

- second cancers following radiotherapy for cervical cancer (ab), Kleinerman RA; Curtis RE; Boice JD Jr; et al, 148: 352, 1983

Ovary, therapeutic radiology

- second cancers following radiotherapy for cervical cancer (ab), Kleinerman RA; Curtis RE; Boice JD Jr; et al, 148: 352, 1983

Ovary, ultrasound studies

- induction of ovulation monitored by ultrasound, McArdle CR; Seibel M; Weinstein F; Hann LE; Nickerson C; Taymor ML, 148: 809, 1983
ultrasonic signs of imminent ovulation (ab), Picker RH; Smith DH; Tucker MH; et al, 148: 892, 1983
use of ultrasound in monitoring ovulation induction with human pituitary gonadotropins (ab), O'Herlihy C; Evans JH; Brown JB; et al, 148: 348, 1983

Oxalosis

- ultrasonic diagnosis of primary hyperoxaluria in infancy (L), Rosenfield AT, 148: 578, 1983

ultrasonic diagnosis of primary hyperoxaluria in infancy: reply (L), Brennan JN; Diwan RV, 148: 578, 1983

Oxygen, radioactive

positron emission tomography in venous ulceration and liposclerosis study of regional tissue function (ab), Hopkins NFG; Spinks TJ; Rhodes CG; et al, 148: 893, 1983

P

Pacemakers

See Heart, pacemakers

Paget's disease

See Osteitis deformans

Pancreas, abscess

tuberculous abscess of the pancreas (ab), Stambler JB; Klibaner MI; Bliss CM; et al, 148: 348, 1983

Pancreas, angiography

computed tomography and angiography in pancreatic apudomas and cystadenomas (ab), Kolmannskog F; Schrumpf E; Valnes K, 148: 601, 1983

islet-cell tumors: detection of small lesions with computed tomography and ultrasound, Gunther RW; Klose KJ; Ruckert K; Kuhn F-P; Beyer J; Klotter H-J; Cordes U, 148: 485, 1983

Pancreas, computed tomography

computed tomography and ultrasound of the normal pancreas (ab), Kolmannskog F; Swensen T; Vatn MH; et al, 148: 601, 1983

CT pancreateogram in carcinoma of the pancreas and chronic pancreatitis, Karasawa E; Goldberg HI; Moss AA; Federle MP; London SS, 148: 489, 1983

dynamic CT of pancreatic tumors, Hosoki T, (AJR), 140: 959, 1983

imaging the pancreatic neoplasm (ab), Bernardino ME; Barnes PA, 148: 601, 1983

islet-cell tumors: detection of small lesions with computed tomography and ultrasound, Gunther RW; Klose KJ; Ruckert K; Kuhn F-P; Beyer J; Klotter H-J; Cordes U, 148: 485, 1983

pancreatic cystadenoma, diagnosed by CT (ab), Arzua E; Creus AS; Noguera A; et al, 148: 601, 1983

Pancreas, cysts

computed tomography and angiography in pancreatic apudomas and cystadenomas (ab), Kolmannskog F; Schrumpf E; Valnes K, 148: 601, 1983

pancreatic cystadenoma, diagnosed by CT (ab), Arzua E; Creus AS; Noguera A; et al, 148: 601, 1983

Pancreas, diseases

CT pancreateogram in carcinoma of the pancreas and chronic pancreatitis, Karasawa E; Goldberg HI; Moss AA; Federle MP; London SS, 148: 489, 1983

Pancreas, inflammation

See Pancreatitis

Pancreas, neoplasms

computed tomography and angiography in pancreatic apudomas and cystadenomas (ab), Kolmannskog F; Schrumpf E; Valnes K, 148: 601, 1983

CT pancreateogram in carcinoma of the pancreas and chronic pancreatitis, Karasawa E; Goldberg HI; Moss AA; Federle MP; London SS, 148: 489, 1983

dynamic CT of pancreatic tumors, Hosoki T, (AJR), 140: 959, 1983

imaging the pancreatic neoplasm (ab), Bernardino ME; Barnes PA, 148: 601, 1983

islet-cell tumors: detection of small lesions with computed tomography and ultrasound, Gunther RW; Klose KJ; Ruckert K; Kuhn F-P; Beyer J; Klotter H-J; Cordes U, 148: 485, 1983

pancreatic cystadenoma, diagnosed by CT (ab), Arzua E; Creus AS; Noguera A; et al, 148: 601, 1983

Pancreas, radiography

radiology of the pancreas (bk rev), Freney PC; Lawson TL, Reviewed by Skucas J, 148: 640, 1983

ultrasonically guided percutaneous opacification of a pancreateojejunostomy, Mattes D; Adloff M; Warter P, 148: 218, 1983

Pancreas, ultrasound studies

computed tomography and ultrasound of the normal pancreas (ab), Kolmannskog F; Swensen T; Vatn MH; et al, 148: 601, 1983

islet-cell tumors: detection of small lesions with computed tomography and ultrasound, Gunther RW; Klose KJ; Ruckert K; Kuhn F-P; Beyer J; Klotter H-J; Cordes U, 148: 485, 1983

pancreatic duct diameter: sonographic measurement in normal subjects (ab), Hadidi A, 148: 892, 1983

ultrasonically guided percutaneous opacification of a pancreateojejunostomy, Mattes D; Adloff M; Warter P, 148: 218, 1983

Pancreatic ducts

pancreatic duct diameter: sonographic measurement in normal subjects (ab), Hadidi A, 148: 892, 1983

Pancreatitis

CT pancreateogram in carcinoma of the pancreas and chronic pancreatitis, Karasawa E; Goldberg HI; Moss AA; Federle MP; London SS, 148: 489, 1983

recurrent acute pancreatitis due to hereditary angioneurotic edema (ab), Christmann D; Hauptmann G; Modert F; et al, 148: 592, 1983

reduced mortality from bleeding pseudocysts and pseudoaneurysms caused by pancreatitis (ab), Stabile BE; Wilson SE; Debas HT, 148: 878, 1983

ultrasonically guided percutaneous opacification of a pancreateojejunostomy, Mattes D; Adloff M; Warter P, 148: 218, 1983

Parangangioma

high-resolution CT investigation of nonchromaffin parangangiomas of the temporal bone, Valavanis A; Schubiger O; Oguz M, (AJNR), 4: 516, 1983

nasopharyngeal parangangioma (ab), Schuller DE; Lucas JG, 148: 341, 1983

Paralysis

coarctation of the frontal horns with acute distension of the trigones (ab), Zenobio M; Lucantonio D; Galzio R; et al, 148: 883, 1983

computed tomographic evaluation of the pathologic lesion for the idiopathic diaphragmatic paralysis (ab), Shin MS; Ho K-J, 148: 887, 1983

computed tomography in spastic cerebral palsy (ab), Pedersen H; Taudorf K; Melchior JC, 148: 879, 1983

hypertrophic neuropathy with spinal cord compression (ab), Carlin L; Biller J; Challa V; et al, 148: 338, 1983

Parasites

radiological manifestations of Strongyloides stercoralis (ab), Dallemand S; Waxman M; Farman J, 148: 875, 1983

Parathyroid, biopsy

parathyroid tumors detected by fine-needle aspiration biopsy under ultrasonic guidance, Solbiati L; Montali G; Croce F; Bellotti E; Giangrande A; Ravetto C, 148: 793, 1983

Parathyroid, computed tomography

aspiration of enlarged parathyroid glands for parathyroid hormone assay, Doppman JL; Krudy AG; Marx SJ; Saxe A; Schneider P; Norton JA; Spiegel AM; Downs RW; Schaaf M; Brennan ME; Schneider AB; Urbach GD, 148: 31, 1983

CT appearance of enlarged parathyroid glands in the posterior superior mediastinum (ab), Doppman JL; Krudy AG; Brennan MF; et al, 148: 601, 1983

localization of parathyroid adenoma by computed tomography (ab), Overtoft C-O; Stark D; Moss A; et al, 148: 601, 1983

parathyroid scanning by computed tomography, Stark DD; Moss AA; Gooding GAW; Clark OH, 148: 297, 1983

Parathyroid, diseases

aspiration of enlarged parathyroid glands for parathyroid hormone assay, Doppman JL; Krudy AG; Marx SJ; Saxe A; Schneider P; Norton JA; Spiegel AM; Downs RW; Schaaf M; Brennan ME; Schneider AB; Urbach GD, 148: 31, 1983

Parathyroid, hyperparathyroidism

abnormal parathyroid glands: comparison of nonselective arterial digital arteriography, selective parathyroid arteriography, and venous digital arteriography as methods of detection, Krudy AG; Doppman JL; Miller DL; Marx SJ; Norton JA; Santora AC II; Lasker RD; Downs RW; Spiegel AM; Urbach GD, 148: 23, 1983

Parathyroid, hyperparathyroidism

digital subtraction angiography for localization of parathyroid lesions (ab), Levy JM; Hessel SJ; Dippe SE; et al, **148**: 332, 1983

localization of parathyroid adenoma by computed tomography (ab), Ovensor C-O; Stark D; Moss A; et al, **148**: 601, 1983

osteomalacia due to aluminum toxicity (ab), Cournot-Witmer G; Gagnadoux MF; Lebon P; et al, **148**: 882, 1983

secondary hyperparathyroidism and brown tumors in a patient with gluten enteropathy, Ehrlich GW; Genant HK; Kolb FO, (AJR), **141**: 381, 1983

shoulder arthropathy in primary hyperparathyroidism (ab), Nussbaum AJ; Doppman JL, **148**: 877, 1983

Parathyroid, neoplasms

aspiration of enlarged parathyroid glands for parathyroid hormone assay, Doppman JL; Krudy AG; Marx SJ; Saxe A; Schneider P; Norton JA; Spiegel AM; Downs RW; Schauf M; Brennan ME; Schneider AB; Aurbach GD, **148**: 31, 1983

CT appearance of enlarged parathyroid glands in the posterior superior mediastinum (ab), Doppman JL; Krudy AG; Brennan MF; et al, **148**: 601, 1983

digital subtraction angiography for localization of parathyroid lesions (ab), Levy JM; Hessel SJ; Dippe SE; et al, **148**: 332, 1983

localization of parathyroid adenoma by computed tomography (ab), Ovensor C-O; Stark D; Moss A; et al, **148**: 601, 1983

parathyroid tumors detected by fine-needle aspiration biopsy under ultrasonic guidance, Solbiati L; Montali G; Croce F; Bellotti E; Giangrande A; Ravetto C, **148**: 793, 1983

Parathyroid, ultrasound studies

parathyroid tumors detected by fine-needle aspiration biopsy under ultrasonic guidance, Solbiati L; Montali G; Croce F; Bellotti E; Giangrande A; Ravetto C, **148**: 793, 1983

Paresis

See Paralysis

Parkinson's disease

cortical atrophy in Parkinson disease: correlation between clinical and CT findings with special emphasis on prefrontal atrophy, Adam P; Fabre N; Guell A; et al, (AJNR), **4**: 442, 1983

Parotid gland, neoplasms

unilateral multiple benign mixed tumors of the parotid gland (ab), Behnke EE Jr, **148**: 886, 1983

Parotid radiology

See Radiography, in infants and children

Pelvis

See also under names of pelvic bones and organs

brief clinical communication: neurogenic perineal prolapse in neonates, Lee FA; McComb JG, **148**: 433, 1983

pelvic actinomycosis, Malone JJ; Cho S-R, **148**: 388, 1983

Pelvis, abnormalities

"pelvic" digit—an unusual developmental anomaly (ab), Greenspan A; Norman A, **148**: 877, 1983

Pelvis, computed tomography

assessment of prostatic size with computed tomography (ab), Ohlslen H; Ekman P; Kingertz H, **148**: 342, 1983

evaluation of the computed tomographic scanner for the staging of carcinoma of the cervix (ab), Brenner D; Whitley NO; Prempree T; et al, **148**: 600, 1983

Pelvis, injuries

"pelvic" digit—an unusual developmental anomaly (ab), Greenspan A; Norman A, **148**: 877, 1983

Pelvis, radionuclide studies

early scintigraphic diagnosis of bone stress and fractures in athletic adolescents (ab), Rosen PR; Mitchell LJ; Treves S, **148**: 893, 1983

Pelvis, therapeutic radiology

radiation-induced cancers of the colon and rectum: assessing the risk (ab), Sandler RS; Sandler DP, **148**: 896, 1983

Pelvis, ultrasound studies

percutaneous nephrostomy in utero (ab), Vallancien G; Dumez Y; Aubry MC; et al, **148**: 592, 1983

rectal sheath haematomas simulating pelvic pathology: the ultrasound appearances (ab), Benson M, **148**: 348, 1983

Penis, angiography

arteriography of the penis in secondary impotence (ab), Brühlmann W; Pouliadis G; Zollikofer C; et al, **148**: 876, 1983

Penis, diseases

radioisotope penogram in diagnosis of vasculogenic impotence (ab), Fanous HN; Jevitch MJ; Chen DCP; et al, **148**: 350, 1983

Penis, radionuclide studies

radioisotope penogram in diagnosis of vasculogenic impotence (ab), Fanous HN; Jevitch MJ; Chen DCP; et al, **148**: 350, 1983

Peptic ulcer

benign gastric ulcer: a reliable radiologic diagnosis? Thompson G; Somers S; Stevenson GW, (AJR), **141**: 331, 1983

linear niches in the duodenal bulb, de Roos A; Op den Orth JO, (AJR), **140**: 941, 1983

normal or benign gastric wall thickening demonstrated by computed tomography (ab), Komaki S, **148**: 888, 1983

Peptic ulcer, diagnosis

gastrointestinal ulcerations: detection using a technetium-99m-labeled ulcer-avid agent, Vasquez TE; Bridges RL; Braunstein P; Jansholt A-L; Meshkinpour H, **148**: 227, 1983

Pericarditis

esophageal-pericardial fistula presenting as pericarditis (ab), Meltzer P; Elkayam U; Parsons K; et al, **148**: 874, 1983

massive organized intrapericardial hematoma mimicking constrictive pericarditis (ab), Dunlap TE; Sorkin RP; Mori KW; et al, **148**: 602, 1983

Pericardium, abnormalities

computed tomography of the abnormal pericardium, Silverman PM; Harell GS; Korobkin M, (AJR), **140**: 1125, 1983

Pericardium, computed tomography

computed tomography of the abnormal pericardium, Silverman PM; Harell GS; Korobkin M, (AJR), **140**: 1125, 1983

CT of intracardiac and intrapericardial masses, Gross BH; Glazer GM; Francis IR, (AJR), **140**: 903, 1983

massive organized intrapericardial hematoma mimicking constrictive pericarditis (ab), Dunlap TE; Sorkin RP; Mori KW; et al, **148**: 602, 1983

Pericardium, cysts

pericardial cyst simulating intracardiac mass, Patel BK; Markive CR; George EA, (AJR), **141**: 292, 1983

Pericardium, diseases

epicardial fat sign due to extrapericardial disease, Demos TC; Cardella RG; Moncada R; et al, (AJR), **141**: 289, 1983

Pericardium, fluid

echocardiographic study of right ventricular wall motion in cardiac tamponade (ab), Engel PJ; Hon H; Fowler NO; et al, **148**: 345, 1983

esophageal-pericardial fistula presenting as pericarditis (ab), Meltzer P; Elkayam U; Parsons K; et al, **148**: 874, 1983

Pericardium, hemorrhage

massive organized intrapericardial hematoma mimicking constrictive pericarditis (ab), Dunlap TE; Sorkin RP; Mori KW; et al, **148**: 602, 1983

Pericardium, inflammation

See Pericarditis

Pericardium, neoplasms

CT of intracardiac and intrapericardial masses, Gross BH; Glazer GM; Francis IR, (AJR), **140**: 903, 1983

Perineum

brief clinical communication: neurogenic perineal prolapse in neonates, Lee FA; McComb JG, **148**: 433, 1983

Periosteum, injuries

clavicular periostitis: an unusual complication of percutaneous subclavian venous catheterization, Friedman AP; Velcek FT; Haller JO; Nagar H, **148**: 692, 1983

Periostitis

clavicular periostitis: an unusual complication of percutaneous subclavian venous catheterization, Friedman AP; Velcek FT; Haller JO; Nagar H, **148**: 692, 1983

Peritoneum, biopsies

diagnosis of peritoneal mesothelioma: computed tomography, sonography, and fine-needle aspiration biopsy, Reuter K; Raptopoulos V; Reale F; et al, (AJR), **140**: 1189, 1983

Peritoneum, computed tomography

diagnosis of peritoneal mesothelioma: computed tomography, sonography, and fine-needle aspiration biopsy, Reuter K; Raptopoulos V; Reale F; et al, (AJR), **140**: 1189, 1983

Peritoneum, hemorrhage

computed tomography in hepatic trauma, Moon KL Jr; Federle MP, (AJR), **141**: 309, 1983

hemoperitoneum studied by computed tomography, Federle MP; Jeffrey RB Jr, **148**: 187, 1983

Peritoneum, neoplasms

intraperitoneal carcinomatosis: incidence of its radiographic findings and description of a new sign (ab), Bundrick T; Cho S-R; Ammann A; et al, **148**: 875, 1983

Peritoneum, ultrasound studies

diagnosis of peritoneal mesothelioma: computed tomography, sonography, and fine-needle aspiration biopsy, Reuter K; Raptopoulos V; Reale F; et al, (AJR), **140**: 1189, 1983

Peritonitis

mecumon peritonitis—observations in 115 cases and antenatal diagnosis (ab), Ya-Xiong S; Lian-Chen S, **148**: 335, 1983

mecumon peritonitis with accompanying pseudocyst: prenatal sonographic diagnosis, McGahan JP; Hanson F, **148**: 125, 1983

Pharmacangiography

pharmacangiography in the diagnosis of tumors (bk rev), Vargha G, Reviewed by Dittman WI, **148**: 658, 1983

Pharynx

epiglottic motion: video recording of muscular dysfunction, Curtis DJ; Sepulveda GU, **148**: 473, 1983

Pharynx, abnormalities

heterotopic pharyngeal brain, Faerber EN; Swartz JD, (AJNR), **4**: 989, 1983

Pharynx, computed tomography

CT of the oropharynx: tongue base, and floor of the mouth: normal anatomy and range of variations, and applications in staging carcinoma, Muraki AS; Mancuso AA; Harnsberger HR; Johnson LP; Meads GB, **148**: 725, 1983

Pharynx, neoplasms

CT of the oropharynx, tongue base, and floor of the mouth: normal anatomy and range of variations, and applications in staging carcinoma, Muraki AS; Mancuso AA; Harnsberger HR; Johnson LP; Meads GB, **148**: 725, 1983

unusual presentation of cervical chordoma with long-term survival (ab), Shallat RF; Taekman MS; Nagle RC, **148**: 596, 1983

Pharynx, radiography

barium examination of the pharynx after vertical hemilaryngectomy, DiSantis DJ; Balfe DM; Koehler RE; et al, (AJR), **141**: 335, 1983

Pharynx, therapeutic radiology

californium-252 brachytherapy plus fractionated irradiation for advanced tonsillar carcinoma, Maruyama Y, **148**: 247, 1983

Pheochromocytoma

computed tomography of the adrenal gland in hypertension (ab), Dunnick NR; Korobkin M, **148**: 343, 1983

pheochromocytoma and stenosis of the renal artery (ab), Kaufman JJ, **148**: 877, 1983

pheochromocytoma: value of computed tomography, Welch TJ; Sheedy PF II; van Heerden JA; Sheps SG; Hattery RR; Stephens DH, **148**: 501, 1983

therapeutic embolization of a hyperfunctioning pheochromocytoma, Horton JA; Hrbavsky E; Klingberg WG; et al, (AJR), **140**: 987, 1983

Phlebography

See Venography

Phosphorus, radioactive

intra-arterial P-32 chromic phosphate for prevention of postoperative liver metastases in high-risk colorectal cancer patients, Mantravadi RV; Spigos DG; Karesh SM; Pavel DG; Grady EG; Capek V, **148**: 555, 1983

Physics

studies with encapsulated sources of I-131, III-microdosimetry using a non-metallic wall-less proportional counter (ab), Kliauga PJ; Rossi HH, **148**: 607, 1983

progress in medical radiation physics, vol. I (bk rev), Orton CG, ed, Reviewed by Bjarngard B, **148**: 844, 1983

Pituitary

normal pituitary gland: 1. macroscopic anatomy—CT correlation, Ropponen HMN; Latchaw RE; Meyer JD; et al, (AJNR), 4: 927, 1983

normal pituitary gland: 2. microscopic anatomy—CT correlation, Ropponen HMN; Latchaw RE, (AJNR), 4: 937, 1983

Pituitary, computed tomography

CT abnormalities of the pituitary in hyperprolactinemic women with normal or equivocal sellae radiologically (ab), Jung RT; White MC; Bowley NB; et al, (AJR), 148: 341, 1983

CT appearance of the adolescent and preadolescent pituitary gland, Peyster RG; Hoover ED; Viscarrell RO; et al, (AJNR), 4: 411, 1983

CT of the pituitary gland in multiple endocrine neoplasia type I syndrome, Rieth KG; Brody SA, (AJR), 4: 813, 1983

normal pituitary gland: 1. macroscopic anatomy—CT correlation, Ropponen HMN; Latchaw RE; Meyer JD; et al, (AJNR), 4: 927, 1983

normal pituitary gland: 2. microscopic anatomy—CT correlation, Ropponen HMN; Latchaw RE, (AJNR), 4: 937, 1983

Pituitary, neoplasms

application of NMR imaging to the evaluation of pituitary and juxtasellar tumors, Hawkes RC; Holland GN; Moore WS; et al, (AJNR), 4: 221, 1983

brain stem necrosis after irradiation of pituitary adenoma (ab), Fukamachi A; Wakao T; Akai J, (AJR), 148: 596, 1983

CT abnormalities of the pituitary in hyperprolactinemic women with normal or equivocal sellae radiologically (ab), Jung RT; White MC; Bowley NB; et al, (AJR), 148: 341, 1983

CT of the pituitary gland in multiple endocrine neoplasia type I syndrome, Rieth KG; Brody SA, (AJR), 4: 813, 1983

effect of bromocriptine and pergolide on pituitary tumor size and serum prolactin, Horowitz BL; Hamilton DJ; Sommers CJ; et al, (AJNR), 4: 415, 1983

thyrotropin-producing pituitary adenomas (ab), Hill SA; Falko JM; Wilson CB; et al, (AJR), 148: 341, 1983

Pituitary, nuclear magnetic resonance (NMR) studies

application of NMR imaging to the evaluation of pituitary and juxtasellar tumors, Hawkes RC; Holland GN; Moore WS; et al, (AJNR), 4: 221, 1983

Pituitary, therapeutic radiology

brain stem necrosis after irradiation of pituitary adenoma (ab), Fukamachi A; Wakao T; Akai J, (AJR), 148: 596, 1983

size and erosive features of the sella turcica in acromegaly as predictors of therapeutic response to supervoltage irradiation (ab), Dons RF; Rieth KG; Gorden P; et al, (AJR), 148: 895, 1983

Placenta, localization

placental location in pregnancies following cesarean section (ab), Hisley JC; Mangum C, (AJR), 148: 604, 1983

Placenta, ultrasound studies

placental location in pregnancies following cesarean section (ab), Hisley JC; Mangum C, (AJR), 148: 604, 1983

relationship of placental grade by ultrasound to markers of fetal lung maturity, Ragozzino MW; Hill LM; Breckle R; Ellefson RD; Smith RC, (AJR), 148: 805, 1983

Platelets

See Blood, platelets

Plethysmography

non-invasive carotid screening (ab), Reeves BF; Reed DD; Ahlstrand RA, (AJR), 148: 890, 1983

Pleura, air in

See Pneumothorax

Pleura, computed tomography

computed tomography of pleural disease, Williford ME; Hidalgo H; Putman CE; et al, (AJR), 140: 909, 1983

posterior pleural reflections, Genereux GP, (AJR), 141: 141, 1983

Pleura, diseases

computed tomography of pleural disease, Williford ME; Hidalgo H; Putman CE; et al, (AJR), 140: 909, 1983

Pleura, fluid

balloon embolization of a mycotic pulmonary artery aneurysm (ab), Renie WA; Rodeheffer RJ; Mitchell S; et al, (AJR), 148: 592, 1983

clincoradiographic correlation with the extent of Legionnaire disease, Kroboth FJ; Yu VL; Reddy SC; et al, (AJR), 141: 263, 1983

hypertension and urino-thorax following an attempted percutaneous nephrostomy (ab), Redman JF; Arnold WC; Smith PL; et al, (AJR), 148: 881, 1983

postpartum pleural effusion: a common radiologic finding (ab), Hughson WG; Friedman PJ; Feigin DS; et al, (AJR), 148: 589, 1983

recall of radiation pneumonitis after intrapleural administration of doxorubicin (ab), Hill AB; Tattersall SF, (AJR), 148: 895, 1983

ultrasound assessment of liver veins in congestive heart failure (ab), Henriksson L; Hedman A; Johansson R; et al, (AJR), 148: 603, 1983

Pleura, neoplasms

ultrasound tomography and sonographically guided needle biopsy of intrathoracic masses (ab), Schwerk WB; Dombrowski H; Balchfleisch H, (AJR), 148: 602, 1983

Pleuritis

chemical pleuritis as the cause of acute chest pain following high-dose methotrexate treatment (ab), Urban C; Nirenberg A; Caparros B; et al, (AJR), 148: 873, 1983

Pneumonia

See Lung, infection

Pneumonitis

possible pulmonary toxicity secondary to vinblastine (ab), Konits PH; Aisner J; Sutherland JC; et al, (AJR), 148: 873, 1983

recall of radiation pneumonitis after intrapleural administration of doxorubicin (ab), Hill AB; Tattersall SF, (AJR), 148: 895, 1983

Pneumoperitoneum

esophageal-peritoneal fistula presenting as pericarditis (ab), Melitzer P; Elkayam U; Parsons K; et al, (AJR), 148: 874, 1983

Pneumoperitoneum

meconium peritonitis—observations in 115 cases and antenatal diagnosis (ab), Ya-Xiong S; Lian-Chen S, (AJR), 148: 335, 1983

Pneumothorax

alternating unilateral pulmonary edema following pneumothorax in acute myocardial infarction (ab), Keren A; Tzivoni D; Stern S, (AJR), 148: 874, 1983

chest tube perforation of the lung in premature infants: radiographic recognition, Straife JL; Smith P; Dunbar JS; et al, (AJR), 141: 73, 1983

systemic artery-to-pulmonary vascular shunt: a complication of closed-tube thoracostomy, Fein AB; Godwin JD; Moore AV; et al, (AJR), 140: 917, 1983

Polyhydramnios

See Amniotic fluid

Portal hypertension

See Hypertension, portal

Portal vein, air in

portal venous air associated with barium enema, Stein MG; Crues JV III; Hamlin JA, (AJR), 140: 1171, 1983

Positron imaging

See Emission computed tomography

Posterior fossa

role of NMR imaging in the diagnosis and management of acoustic neuroma, Young IR; Bydder GM; Hall AS; et al, (AJR), 140: 223, 1983

Posterior fossa, neoplasms

paramedian hourglass ependymoid extending above and below the tentorium (ab), Albanese V; Tomassello F; Picozzi P; et al, (AJR), 148: 598, 1983

Posterior fossa, ultrasound studies

sonography of the posterior fossa, Corrales M; del Villar S; Hevia R; et al, (AJR), 140: 665, 1983

Pregnancy

See also Fetus; Placenta

Pregnancy, complications

choroidal ischemia (ab), Gaudric A; Coscas G; Bird AC, (AJR), 148: 340, 1983

meconium peritonitis—observations in 115 cases and antenatal diagnosis (ab), Ya-Xiong S; Lian-Chen S, (AJR), 148: 335, 1983

postpartum pleural effusion: a common radiologic finding (ab), Hughson WG; Friedman PJ; Feigin DS; et al, (AJR), 148: 589, 1983

Pregnancy, ectopic

hematosalpinx in tubal pregnancy:

sonographic-pathologic correlation, Subramanyam BR; Raghavendra BN; Balthazar EJ; et al, (AJR), 141: 361, 1983

massive pseudogestational sac in ectopic pregnancy (ab), Mantoni M; Pedersen JF, (AJR), 148: 892, 1983

Pregnancy, ultrasound studies

hematosalpinx in tubal pregnancy: sonographic-pathologic correlation, Subramanyam BR; Raghavendra BN; Balthazar EJ; et al, (AJR), 141: 361, 1983

management of intrauterine hydrocephalus (ab), Cochrane DD; Myles ST, (AJR), 148: 604, 1983

massive pseudogestational sac in ectopic pregnancy (ab), Mantoni M; Pedersen JF, (AJR), 148: 892, 1983

placental location in pregnancies following cesarean section (ab), Hisley JC; Mangum C, (AJR), 148: 604, 1983

prenatal ultrasound diagnosis of hypoplastic left heart syndrome in utero associated with hydronephrosis (ab), Sahn DJ; Shenker L; Reed KL; et al, (AJR), 148: 604, 1983

Prostate

assessment of prostate size with computed tomography (ab), Ohlsen H; Ekman P; Ringertz H, (AJR), 148: 342, 1983

Prostate, computed tomography

assessment of prostate size with computed tomography (ab), Ohlsen H; Ekman P; Ringertz H, (AJR), 148: 342, 1983

use of CT to reduce understaging in prostate cancer: comparison with conventional staging techniques, Emory TH; Reinke DB; Hill AL; et al, (AJR), 141: 351, 1983

Prostate, diseases

transrectal sonographic voiding cystourethrography: studies in neuro muscular bladder dysfunction, Shapeero LG; Friedland GW; Perkash I, (AJR), 141: 83, 1983

Prostate, neoplasms

equivocal lymphogram and lymph node aspiration: importance in staging carcinoma of the prostate (ab), Dan SJ; Efremidis SC; Train JS; et al, (AJR), 148: 590, 1983

I-125 implantation for carcinoma of prostate (ab), Grossman HB; Batata M; Hilaris B; et al, (AJR), 148: 607, 1983

local hyperthermia for treatment of carcinoma of the prostate: a preliminary report (ab), Yerushalmi A; Servadio C; Leib Z; et al, (AJR), 148: 607, 1983

prostatic carcinoma (ab), Reddy EK; Mansfield CM; Mebus WK; et al, (AJR), 148: 351, 1983

transrectal ultrasonography in the followup of prostatic carcinoma patients (ab), Carpenter PJ; Schroeder FH; Blom JHM, (AJR), 148: 348, 1983

Prostate, surgery

transrectal ultrasonography in the followup of prostatic carcinoma patients (ab), Carpenter PJ; Schroeder FH; Blom JHM, (AJR), 148: 348, 1983

Prostate, therapeutic radiology

I-125 implantation for carcinoma of prostate (ab), Grossman HB; Batata M; Hilaris B; et al, (AJR), 148: 607, 1983

local hyperthermia for treatment of carcinoma of the prostate: a preliminary report (ab), Yerushalmi A; Servadio C; Leib Z; et al, (AJR), 148: 607, 1983

prostatic carcinoma (ab), Reddy EK; Mansfield CM; Mebus WK; et al, (AJR), 148: 351, 1983

transrectal ultrasonography in the followup of prostatic carcinoma patients (ab), Carpenter PJ; Schroeder FH; Blom JHM, (AJR), 148: 348, 1983

Prostate, ultrasound studies

transrectal ultrasonography in the followup of prostatic carcinoma patients (ab), Carpenter PJ; Schroeder FH; Blom JHM, (AJR), 148: 348, 1983

Prostate, volume

transrectal ultrasonography in the followup of prostatic carcinoma patients (ab), Carpenter PJ; Schroeder FH; Blom JHM, (AJR), 148: 348, 1983

Proteins

binding of metrizamide to human serum proteins (ab), Wirell S, (AJR), 148: 606, 1983

computed tomography in the early detection of skeletal involvement with multiple myeloma (ab), Helms CA; Genant HK, (AJR), 148: 888, 1983

Pulmonary angiography

Pulmonary angiography

accuracy of the chest radiograph in diagnosis of pulmonary embolism (ab), Greenspan RH; Ravin CE; Polansky SM; et al, **148**: 873, 1983 balloon embolization of a mycotic pulmonary artery aneurysm (ab), Renis WA; Rodeheffer RJ; Mitchell S; et al, **148**: 592, 1983

Pulmonary arteries, abnormalities

tracheobronchography in the evaluation of anomalous left pulmonary artery (ab), Siegel MJ; Shafekoff GD; McAlister WH, **148**: 334, 1983 two-dimensional echocardiographic identification of pulmonary artery branch stenosis (ab), Tinker DD; Nanda NC; Harris JP; et al, **148**: 345, 1983

Pulmonary arteries, computed tomography

noninvasive detection of proximal pulmonary artery thrombosis by two-dimensional echocardiography and computerized tomography (ab), DiCarlo LA Jr; Schiller NB; Herkens RL; et al, **148**: 345, 1983

Pulmonary arteries, obstruction

See Pulmonary arteries, stenosis

Pulmonary arteries, stenosis

two-dimensional echocardiographic identification of pulmonary artery branch stenosis (ab), Tinker DD; Nanda NC; Harris JP; et al, **148**: 345, 1983

Pulmonary arteries, therapeutic blockade

detachable stainless-steel spider: a new device for vessel occlusion, Lund G; Cragg AH; Rysavy JA; Castaneda F; Castaneda-Zuniga WR; Amplatz K, **148**: 567, 1983

Pulmonary arteries, ultrasound studies

noninvasive detection of proximal pulmonary artery thrombosis by two-dimensional echocardiography and computerized tomography (ab), DiCarlo LA Jr; Schiller NB; Herkens RL; et al, **148**: 345, 1983

Pulmonary hypertension

See Hypertension, pulmonary

Pulmonary valve, diseases

carcinoid heart disease: diagnosis of two-dimensional echocardiography (ab), Howard RJ; Drobak M; Rider WD; et al, **148**: 344, 1983

echocardiographic features of carcinoid heart disease (ab), Callahan JA; Wroblewski EM; Reeder GS; et al, **148**: 344, 1983

Pulmonary valve, stenosis

two-dimensional echocardiographic identification of pulmonary artery branch stenosis (ab), Tinker DD; Nanda NC; Harris JP; et al, **148**: 345, 1983

Pulmonary valve, ultrasound studies

carcinoid heart disease: diagnosis of two-dimensional echocardiography (ab), Howard RJ; Drobak M; Rider WD; et al, **148**: 344, 1983

clinical and echocardiographic features of pulmonary valve endocarditis (ab), Nakamura K; Satomi G; Sakai T; et al, **148**: 890, 1983

echocardiographic features of carcinoid heart disease (ab), Callahan JA; Wroblewski EM; Reeder GS; et al, **148**: 344, 1983

Pulmonary veins

evaluation of infradiaphragmatic total anomalous pulmonary venous connection with two-dimensional echocardiography (ab), Snider AR; Silverman NH; Turley K; et al, **148**: 593, 1983

venoconstrictive pulmonary infarct: an unusual complication of fibrosing mediastinitis, Mendelson EB; Mintzer RA; Hidvegi DF, (AJR), **141**: 175, 1983

Pyelography

See Urography

Pyelonephritis

See Nephritis

Pylorus, neoplasms

ultrasound diagnosis of hypertrophic pyloric stenosis (ab), Khamapirad T; Athey PA, **148**: 881, 1983

Pylorus, stenosis

ultrasound diagnosis of hypertrophic pyloric stenosis (ab), Khamapirad T; Athey PA, **148**: 881, 1983

Pylorus, ultrasound studies

ultrasound diagnosis of hypertrophic pyloric stenosis (ab), Khamapirad T; Athey PA, **148**: 881, 1983

R

Radiations

See also Radiobiology; Radiography; Radionuclide imaging; Radionuclides; Therapeutic radiology

Radiations, effects

See Radiations, injurious effects

Radiations, exposure to personnel

transhepatic portal venous embolization of varices pros and cons (opin), Sos TA, **148**: 569, 1983

Radiations, injurious effects

control of exposure of the public to ionizing radiation in the event of accident or attack, proceedings of a symposium held on April 27-29, 1981 (bk rev), National Council on Radiation Protection and Measurements, Reviewed by Griffiths HJ, **148**: 560, 1983 residual injury in the spinal cord after treatment with x rays or neutrons (ab), Hornsey S; Myers R; Warren P, **148**: 608, 1983

Radiations, injurious effects, as a result of nuclear bombing

control of exposure of the public to ionizing radiation in the event of accident or attack, proceedings of a symposium held on April 27-29, 1981 (bk rev), National Council on Radiation Protection and Measurements, Reviewed by Griffiths HJ, **148**: 560, 1983

Radiations, injurious effects, complications of therapeutic radiology

arterial hypertension developing 10 years after radiotherapy for Wilms' tumour (ab), Koskimies O, **148**: 352, 1983

brain stem necrosis after irradiation of pituitary adenoma (ab), Fukamachi A; Wakao T; Akai J, **148**: 596, 1983

breast cancer following iodine-131 therapy for hyperthyroidism (ab), Hoffman DA; McConahey WM, **148**: 896, 1983

correlation between initial salivary flow rate and radiation dose in the production of xerostomia (ab), Mira JG; Fullerton GD; Wescott WB, **148**: 895, 1983

microwave-induced hyperthermia and ionizing radiation (ab), Lindholm C-E; Kjellén E; Landberg T; et al, **148**: 894, 1983

pacemaker failure resulting from radiation damage, Quertermous T; Megahy MS; Das Gupta DS; Griem ML, **148**: 257, 1983

pulmonary aspergillosis after radiation therapy (ab), Ward MJ; Davies D, **148**: 352, 1983

radiation-induced cancers of the colon and rectum: assessing the risk (ab), Sandler RS; Sandler DP, **148**: 896, 1983

radiation retinopathy in diabetes mellitus (ab), Dhir SP; Joshi AV; Banerjee AK, **148**: 340, 1983

randomized clinical trial of levonantradol and chlorpromazine in the prevention of radiotherapy-induced vomiting (ab), Lucraft HH; Palmer MK, **148**: 351, 1983

second cancers following radiotherapy for cervical cancer (ab), Kleinerman RA; Curtis RE; Boice JD Jr; et al, **148**: 352, 1983

slipped proximal humeral epiphysis: a complication of radiotherapy to the shoulder in children (ab), Edeiken BS; Libshitz HI; Cohen MA, **148**: 883, 1983

Radiations, injurious effects, leukemic acute nonlymphocytic leukemia in a patient treated for brain tumor (ab), Hildebrand J; Malarie M; Flament-Durand J; et al, **148**: 337, 1983

Radiations, injurious effects, neoplastic breast cancer following iodine-131 therapy for hyperthyroidism (ab), Hoffman DA; McConahey WM, **148**: 896, 1983

postirradiation osteogenic sarcoma with unilateral metastatic spread within the field of irradiation (ab), Young JW; Liebscher LA, **148**: 896, 1983

pulmonary aspergillosis after radiation therapy (ab), Ward MJ; Davies D, **148**: 352, 1983

radiation-induced cancers of the colon and rectum: assessing the risk (ab), Sandler RS; Sandler DP, **148**: 896, 1983

second cancers following radiotherapy for cervical cancer (ab), Kleinerman RA; Curtis RE; Boice JD Jr; et al, **148**: 352, 1983

Radiations, measurement

characteristics of an intraoral cone for electron beam therapy with an 18 MeV linear accelerator (ab), Wexler MC; Tobochnik N; Spiegel P; et al, **148**: 607, 1983 dose delivered to various bone and marrow sites of radium-226 injected mice related to the observed heterogeneity in damage to haemopoietic marrow cells (ab), Schoeters GER, **148**: 608, 1983

studies with encapsulated sources of I-125, III. microdosimetry using a non-metallic wall-less proportional counter (ab), Kliauga PJ; Rossi HH, **148**: 607, 1983

Radiations, protective and therapeutic agents and devices

radioprotection combined with hypoxic sensitization during radiotherapy of a solid murine tumor, Mendiola OA; Grigsby PW; Beach JL, **148**: 291, 1983

reduction of radiation exposure during radiography for scoliosis (ab), Gray JE; Hoffman AD; Peterson HA, **148**: 877, 1983

reduction of the scatter dose to the testicle outside the radiation treatment fields (ab), Kubo H; Shipley WU, **148**: 894, 1983

Radiobiology

See also Neoplasms, experimental

Radiobiology, cell and tissue studies

dose delivered to various bone and marrow sites of radium-226 injected mice related to the observed heterogeneity in damage to haemopoietic marrow cells (ab), Schoeters GER, **148**: 608, 1983

electron microscopic autoradiography of the trachea in fetal Syrian golden hamsters treated transplacentally with N-nitrosodiethylamine (ab), Reznik-Schuller HM, **148**: 352, 1983

imaging of human melanoma xenografts in nude mice with a radiolabelled monoclonal antibody (ab), Ghose T; Ferrone S; Imai K; et al, **148**: 608, 1983

radioprotection of human breast cancer cells by elevation of intracellular cyclic AMP, Griem K; Weichselbaum RR; Ümans RS; Gifford L; Little JB, **148**: 289, 1983

therapeutic iodine 125 for hyperthyroidism: evidence for a special radiobiological effect on the follicular cell (ab), Gray HW; Greig WR; Gillespie FC, **148**: 896, 1983

Radiobiology, lethality studies

induction of mammary neoplasms in the ACI rat by 430-keV neutrons, x-rays, and diethylstilbestrol (ab), Shellabarger CJ; Chmelevsky D; Kellerer AM; et al, **148**: 352, 1983

Radiobiology, neoplastic studies

See Neoplasms, experimental

Radiographs

See Images

Radiography

See also Radiations; under procedures, such as

Angiography; Fluoroscopy; Myelography medical and pharmaceutical dictionary: English-German, 4th ed. (bk rev), Bunjes WE, Reviewed by Oestreich AE, **148**: 374, 1983

wörterbuch der medizin und pharmazeutik: Deutsch-English, 3rd ed. (bk rev), Bunjes WE, Reviewed by Oestreich AE, **148**: 374, 1983

Radiography, computer-assisted

computed radiography utilizing scanning laser stimulated luminescence, Sonoda M; Takano M; Miyahara J; Kato H, **148**: 833, 1983

Radiography, digital

abnormal parathyroid glands: comparison of nonselective arterial digital arteriography, selective parathyroid arteriography, and venous digital arteriography as methods of detection, Krudy AG; Doppman JL; Miller DL; Marx SJ; Norton JA; Santora AC II; Lasker RD; Downs RW; Spiegel AM; Aubach GD, **148**: 23, 1983

Radionuclide imaging, in infants and children

- aortic arch digital arteriography: an alternative technique to digital venous angiography and routine arteriography in the evaluation of cerebrovascular insufficiency, Zimmerman RD; Goldman MJ; Auster M; et al, (AJNR), 4: 266, 1983
- clinical application of digital tomosynthesis: a preliminary report, Maravilla KR; Murry RC; Deck M; et al, (AJNR), 4: 277, 1983
- clinical intra-arterial digital subtraction imaging: use of small volumes of iodinated contrast material or carbon dioxide, Miller FJ; Mineau DE; Koehler PR; Nelson JA; Luers PD; Sherry RA; Lawrence PP; Anderson RE; Kruger RA, 148: 273, 1983
- complementary roles of a noninvasive test battery and DSA in evaluating carotid artery disease, Ackerman RH; D'Alton JG; Davis KR; et al, (AJNR), 4: 757, 1983
- computed radiography utilizing scanning laser stimulated luminescence, Sonoda M; Takano M; Miyahara J; Kato H, 148: 833, 1983
- control of swallowing by use of topical anesthesia during digital subtraction angiography, Sider L; Mintzer RA; Deschler TW; Kim KS; Weinberg PE, 148: 563, 1983
- digital radiography of the chest: clinical experience with a prototype unit, Fraser RG; Breatnach E; Barnes GT, 148: 1, 1983
- digital radiography of the chest: design features and considerations for a prototype unit, Tesic MM; Mattson RA; Barnes GT; Sones RA; Stickney JB, 148: 259, 1983
- digital subtraction angiography for localization of parathyroid lesions (ab), Levy JM; Hessel SJ; Dippe SE; et al, 148: 332, 1983
- digital subtraction angiography for preoperative evaluation of extremity tumors, Paushier DM; Borkowski GP; Buonocore E; et al, (AJR), 141: 129, 1983
- digital subtraction angiography of aortic dissection, Gauthier DF; Miller DC, (AJR), 141: 157, 1983
- digital subtraction angiography of glomus tympanicum and jugular tumors, Carmody RF; Seeger JF; Horsley WW; et al, (AJNR), 4: 263, 1983
- digital subtraction angiography with intravenous injection: assessment of 1,000 carotid bifurcations, Wood GW; Lukin RR; Tomnick TA; et al, (AJR), 140: 855, 1983
- digital vascular imaging: practical aspects, Eskridge JM; Becker CJ; Rabe FE; Holden RW; Klatt EC, 148: 703, 1983
- efficacy of prone positioning for intravenous digital angiography of the abdomen, Seigel RS; Williams AG, 148: 295, 1983
- evaluation of aorto-iliac occlusive disease by intravenous digital subtraction angiography, Rosen RJ; Roven SJ; Taylor RF; Imparato AM; Riles TS, 148: 7, 1983
- evaluation of cerebral hemispheric contrast transit with intravenous digital subtraction angiography, Seeger JF; Carmody RF; Smith JRL; et al, (AJNR), 4: 333, 1983
- evaluation of prototype equipment for digital subtraction angiography in diagnosing intracranial lesions, Takahashi M; Hirota Y; Bussaka H; et al, (AJNR), 4: 259, 1983
- giant spinal cord angioma diagnosed by digital subtraction intravenous angiography and computerized tomography (ab), Taylor CR; Virapongse C; Davey LM, 148: 597, 1983
- high quality digital radiographic images: improved detection of low-contrast objects and preliminary clinical studies, Ishida M; Frank PH; Doi K; et al, (RG), 3: 325, 1983
- intra-arterial digital subtraction angiography: comparison with conventional hepatic arteriography, Flannigan BD; Gomes AS; Stambuk EC; Lois JE; Pais OS, 148: 17, 1983
- intra-arterial digital subtraction angiography: evaluation in 150 patients, Davis PC; Hoffman JC Jr, 148: 9, 1983
- intracranial intravenous digital subtraction angiography (ab), Enzmann DR; Brody WR; Riederer S; et al, 148: 339, 1983
- intravenous digital subtraction angiography in the investigation of intracranial disease, DeFilipp GJ; Pinto RS; Lin JP; Kricheff II, 148: 129, 1983
- intravenous digital subtraction angiography with iohexol, Cacayorin ED; Bernstein AD; Fruehman CT; et al, (AJNR), 4: 329, 1983
- limitations of digital subtraction angiography in evaluating potential renal donors, Rabe FE; Smith EF; Yune HY; et al, (AJR), 141: 91, 1983
- limitations of intravenous digital subtraction angiography, Turski PA; Zwibel WJ; Strother CM; et al, (AJNR), 4: 271, 1983
- metric ruler for digital subtraction angiography, Lee KR; Cox GG; Price HI; Batnitzyk S; Dwyer SJ III, 148: 296, 1983
- neuroangiographic applications of intraarterial digital subtraction angiography, Eggers FM; Price AC; Allen JH; et al, (AJNR), 4: 854, 1983
- quantitative in vivo comparison of six contrast agents by digital subtraction angiography (ab), Burbank FH; Brody WR; Hall A; et al, 148: 592, 1983
- renovascular hypertension: diagnosis of renal artery stenosis by digital video subtraction angiography (ab), Hillman BJ, 148: 330, 1983
- scanned projection radiography of the chest versus standard film radiography: a comparison of 250 cases, Huebener K-H, 148: 363, 1983
- temporal energy hybrid subtraction in intravenous digital subtraction angiography, Foley WD; Keyes GS; Smith DF; Belanger B; Siele LE; Lawson TL; Thorsen MK; Stewart ET, 148: 265, 1983
- vasospasm secondary to ruptured aneurysm: assessment by digital intravenous angiography, Pinto RS; Kricheff II; De Filipp G; et al, (AJNR), 4: 283, 1983
- Radiography, in infants and children**
- abused child: criteria for the radiologic diagnosis, Radkowski MA; Merten DF; Leonidas JC, (RG), 3: 262, 1983
- cardiac imaging in infants and children (bk rev), Kelley MJ; Jaffe CC; Kleinman CS; Reviewed by Hernandez R, 148: 416, 1983
- gastrointestinal imaging in pediatrics, 2d ed. (bk rev), Franken EA Jr; Smith WL, eds, Reviewed by Teel RL, 148: 428, 1983
- Radiography, technology**
- computed radiography utilizing scanning laser stimulated luminescence, Sonoda M; Takano M; Miyahara J; Kato H, 148: 833, 1983
- digital radiography of the chest: design features and considerations for a prototype unit, Tesic MM; Mattson RA; Barnes GT; Sones RA; Stickney JB, 148: 259, 1983
- double-contrast examination of the stomach: 100mm fluorography vs. full-size radiography, Soini I; Kiuru A; Makela PJ; Varpula M; Virtama P, 148: 627, 1983
- interventional radiology: principles and techniques (bk rev), King EL; McLean GK, Reviewed by Gobien RP, 148: 88, 1983
- Merrill's atlas of radiographic positions and radiologic procedures, fifth edition (bk rev), Balinger PW, Reviewed by Cunningham LF, 148: 374, 1983
- myopathy due to ossification or calcification of the ligamentum flavum: radiologic and histologic evaluations, Miyasaka K; Kaneda K; Sato S; et al, (AJNR), 4: 629, 1983
- oblique lateral projection of the orbital floor (ab), Laurin S; Johansen CC, 148: 598, 1983
- operative renal radiography (ab), Roth D; Griffith DP, 148: 876, 1983
- reduction of radiation exposure during radiography for scoliosis (ab), Gray JE; Hoffman AD; Peterson HA, 148: 877, 1983
- Rolls Royces and compacts: selection of radiological instrumentation (opin), Capp MP, 148: 863, 1983
- Rolls Royces or compacts? selection of radiological instrumentation (opin), Cockshott WP, 148: 862, 1983
- Radiological Society of North America, 68th scientific assembly and annual meeting**
- President's address: if I were in charge of radiology, Tristan TA, 148: 353, 1983
- Radiological Society of North America, 69th scientific assembly and annual meeting**
- Radiological Society of North America, Inc. sixty-ninth scientific assembly and annual meeting (edit), Lester RG, 148: 571, 1983
- Radiology and radiologists**
- cadaver radiography in the teaching of gross anatomy, McNish LM; Madewell JE; Allman RM, 148: 73, 1983
- President's address: if I were in charge of radiology, Tristan TA, 148: 353, 1983
- Rolls Royces and compacts: selection of radiological instrumentation (opin), Capp MP, 148: 863, 1983
- Rolls Royces or compacts? selection of radiological instrumentation (opin), Cockshott WP, 148: 862, 1983
- statistics for diagnostic procedures. II. the significance of "no significance": what a negative statistical test really means, Phillips WC; Scott JA; Blasczynski G, (AJR), 141: 203, 1983
- statistics for diagnostic procedures. how sensitive is "sensitivity"; how specific is "specificity"? Phillips WC; Scott JA; Blasczynski G, (AJR), 140: 1265, 1983
- transhepatic portal venous embolization of varices: pros and cons (opin), Sos TA, 148: 569, 1983
- Radiology and radiologists, departmental management**
- cost effectiveness of the all-digital nuclear medicine department, Royal HD; Parker JA; Uren RF; Kolodny CM, 148: 860, 1983
- Radionuclide imaging**
- See also under names of organs, such as Kidney, radionuclide studies
- cerebrospinal fluid circulation: evaluation by single-photon and positron emission tomography, Bergstrand G; Larsson S; Bergstrom M; et al, (AJNR), 4: 557, 1983
- detection and quantitation of intermittent CSF rhinorrhea during prolonged cisternography with ¹¹¹In-DTPA, Glaubitz D; Haubrich J; Cordon-Voutsas M, (AJNR), 4: 560, 1983
- digital nuclear medicine (bk rev), Erickson JJ; Rollo FD, eds, Reviewed by O'Mara RE, 148: 832, 1983
- surgeon's view of the role of radionuclide imaging in evaluating trauma, Roberts SS, (SNM), 13: 84, 1983
- unilateral ventricular reflux and asymmetric ventricular distribution of intrathecally introduced contrast medium or tracer, Deisenhammer E; Hammer B, (AJNR), 4: 564, 1983
- Radionuclide imaging, comparative studies**
- comparative imaging in the evaluation of hepatic abscesses in immunocompromised children (ab), Sty JR; Starshak RJ, 148: 881, 1983
- complementary roles of radionuclide and computed tomographic imaging in evaluating trauma, Berg BC, (SNM), 13: 86, 1983
- Ga-67 scanning for assessment of disease activity and therapy decisions in pulmonary sarcoidosis in comparison to chest radiography, serum ACE and blood T-lymphocytes (ab), Kohn H; Klech H; Mostbeck A; et al, 148: 349, 1983
- gastroesophageal reflux—the acid test: scintigraphy or the pH probe?, Seibert JJ; Byrne WJ; Euler AR; et al, (AJR), 140: 1087, 1983
- nuclear medicine in clinical practice: selective correlation with ultrasound and computed tomography (bk rev), Greenfield LD; Uszler JM, eds, Reviewed by Grossman Z, 148: 538, 1983
- Radionuclide imaging, in infants and children**
- gastric emptying in children: unusual patterns detected by scintigraphy, Seibert JJ; Byrne WJ; Euler AR, (AJR), 141: 49, 1983
- gastroesophageal scintiscanning in children (ab), Piepsz A; Georges B; Rodesch P; et al, 148: 335, 1983
- radionuclide evaluation in childhood injuries, Sty JR; Starshak RJ; Hubbard AM, (SNM), 13: 258, 1983

Radioluclidean imaging, in infants and children

- slipped proximal humeral epiphysis: a complication of radiotherapy to the shoulder in children (ab), Édeiken BS; Libshitz HL; Cohen MA, **148**: 883, 1983
- Radioluclidean imaging, physics**
physics and instrumentation of nuclear medicine (bk rev), Sprawls P, Reviewed by Weber DA, **148**: 546, 1983
- Radioluclidean imaging, technology**
absolute quantitation of radiotracer uptake in the lungs using a gamma camera (ab), Macey DJ; Marshall R, **148**: 605, 1983
application of techniques using radionuclides to the study of gastric emptying (ab), Horowitz M; Cook DJ; Collins PJ; et al, **148**: 350, 1983
cost effectiveness of the all-digital nuclear medicine department, Royal HD; Parker JA; Uren RF; Kolodny GM, **148**: 860, 1983
gastroesophageal scintiscanning in children (ab), Piepz A; Georges B; Rodesch P; et al, **148**: 335, 1983
noncardiac, nontomographic applications of the slant-hole collimator: concise communication (ab), Royal HD; Parker JA; Kolodny GM, **148**: 892, 1983
physics and instrumentation of nuclear medicine (bk rev), Sprawls P, Reviewed by Weber DA, **148**: 546, 1983
radioluclidean imaging in diseases of the chest (parts I and II) (ab), Spies WG; Spies SM; Mintzer RA, **148**: 892, 1983
thyroid uptake measurements with I-123: problems and pitfalls: concise communication (ab), Cheruvu S; Cheruvu LR; Goodwin PN; et al, **148**: 893, 1983
use of a nuclear medicine computer as a multichannel pulse-height analyzer: design of an interface, Harris CC, **148**: 857, 1983
- Radioluclidean**
See also Radionuclide imaging; Therapeutic radiology
monitoring of regional cerebral blood flow by single photon emission tomography of I-123-N-isopropyl-iodoamphetamine in epileptics (ab), Magistretti PL; Uren RF; Parker JA; et al, **148**: 884, 1983
- Radioluclidean, comparative studies**
comparison of indium-111-oxime and indium-111-acetylacetone labelled leukocytes in the diagnosis of inflammatory disease (ab), Peters AM; Karimjee S; Saverymuttu SH; et al, **148**: 893, 1983
comparisons of scintigraphy with In-111 leukocytes and Ga-67 in the diagnosis of occult sepsis (ab), Skafianakis GN; Al-Sheikh W; Heal A; et al, **148**: 349, 1983
thyroid imaging agents: a comparison of I-123 and Tc-99m pertechnetate, Ryo YU; Vaidya PV; Schneider AB; Beckerman C; Pinsky SM, **148**: 819, 1983
- Radioluclidean, quality control**
use of a nuclear medicine computer as a multichannel pulse-height analyzer: design of an interface, Harris CC, **148**: 857, 1983
- Radioluclidean, therapeutic**
I-125 implantation for carcinoma of prostate (ab), Grossman HB; Batata M; Hilaris B; et al, **148**: 607, 1983
- Radiopharmaceuticals**
See Radionuclides
- Radiosensitivity**
radioprotection combined with hypoxic sensitization during radiotherapy of a solid murine tumor, Mendiondo OA; Grigsby PW; Beach JL, **148**: 291, 1983
- Radium**
dose delivered to various bone and marrow sites of radium-226 injected mice related to the observed heterogeneity in damage to haemopoietic marrow cells (ab), Schoeters GER, **148**: 608, 1983
- Radius**
fracture of the radius with instability of the wrist, Rosenthal DI; Schwartz M; Phillips WC; et al, (AJR), **141**: 113, 1983
- Receiver operating characteristic curve (ROC)**
analysis of mammography: a blind interpretation of BCDDP radiographs, Goin JE; Haberman JD; Linder MK; Lambird PA, **148**: 393, 1983
method of comparing the areas under receiver operating characteristic curves derived from the same cases, Hanley JA; McNeil BJ, **148**: 839, 1983
- Rectum, computed tomography**
management of rectal carcinoma: impact of computed tomography, van Waes PFGM; Koehler PR; Feldberg MAM, (AJR), **140**: 1137, 1983
- Rectum, neoplasms**
intra-arterial P-32 chromic phosphate for prevention of postoperative liver metastases in high-risk colorectal cancer patients, Mantravadi RVP; Spigos DG; Karesh SM; Pavel DG; Grady EG; Capek V, **148**: 555, 1983
management of rectal carcinoma: impact of computed tomography, van Waes PFGM; Koehler PR; Feldberg MAM, (AJR), **140**: 1137, 1983
radiation-induced cancers of the colon and rectum: assessing the risk (ab), Sandler RS; Sandler DP, **148**: 896, 1983
radiation therapy of recurrences of carcinoma of the rectum and sigmoid after surgery (ab), Ciatto S; Pacini P, **148**: 351, 1983
second cancers following radiotherapy for cervical cancer (ab), Kleinerman RA; Curtis RE; Boice JD Jr; et al, **148**: 352, 1983
- Rectum, polyps**
See Rectum, neoplasms
- Rectum, therapeutic radiology**
radiation therapy of recurrences of carcinoma of the rectum and sigmoid after surgery (ab), Ciatto S; Pacini P, **148**: 351, 1983
second cancers following radiotherapy for cervical cancer (ab), Kleinerman RA; Curtis RE; Boice JD Jr; et al, **148**: 352, 1983
- Red blood cells, radionuclide studies**
blood loss measured with indium-111-labeled red blood cells in dogs, Beckman RL; Pittenger GL; Swanson DP; Thrall JH; Fiddian-Green RG, **148**: 243, 1983
relation of in vivo blood flow to ultrasound echogenicity (ab), Machi J; Siegel B; Beittner JC; et al, **148**: 891, 1983
- Red blood cells, radionuclide studies**
blood loss measured with indium-111-labeled red blood cells in dogs, Beckman RL; Pittenger GL; Swanson DP; Thrall JH; Fiddian-Green RG, **148**: 243, 1983
induction of mammary neoplasms in the ACI rat by 430-keV neutrons, x-rays, and diethylstilbestrol (ab), Shellabarger CJ; Chmelevsky D; Kellerer AM; et al, **148**: 352, 1983
- Renal angiography**
angiographic control of renal artery stenosis 6 months following percutaneous transluminal angioplasty (ab), Ingrisch H; Hegele T; Frey KW, **148**: 592, 1983
circumauric left renal vein with tumor thrombus: CT diagnosis with angiographic and pathologic correlation, Handel DB; Heaston DK; Korobkin M; et al, (AJR), **141**: 97, 1983
limited use of hypertensive excretory urography (ab), Thornbury JR; Stanley JC; Fryback DG, **148**: 330, 1983
- Renal arteries**
See also Kidney
- Renal arteries, injuries**
rim nephrogram in renovascular compromise (ab), Demos TD; Gadwood K; Love L; et al, **148**: 876, 1983
- Renal arteries, occlusion**
See Renal arteries, stenosis
- Renal arteries, stenosis**
angiographic control of renal artery stenosis 6 months following percutaneous transluminal angioplasty (ab), Ingrisch H; Hegele T; Frey KW, **148**: 592, 1983
Doppler study of renal artery of transplant kidneys (ab), Koff D; Plainfosse M-C; Merran S, **148**: 604, 1983
effects of percutaneous transluminal angioplasty on renal plasma flow, Teates CD; Tegtmeyer CJ; Croft BY; et al, (SNM), **13**: 245, 1983
limited use of hypertensive excretory urography (ab), Thornbury JR; Stanley JC; Fryback DG, **148**: 330, 1983
nuclear magnetic resonance imaging of induced renal lesions, London DA; Davis PL; Williams RD; Crooks LE; Sheldon PE; Gooding CA, **148**: 167, 1983
percutaneous transluminal dilatation for renal artery stenosis in a 22-month-old hypertensive girl, Stanley P; Senac MO; Bakody P; et al, (AJR), **140**: 983, 1983
pheochromocytoma and stenosis of the renal artery (ab), Kaufman JJ, **148**: 877, 1983
- renal artery angioplasty: techniques and early results** (ab), Sos TA; Saddekni S; Sniderman KW; et al, **148**: 333, 1983
renovascular hypertension: diagnosis of renal artery stenosis by digital video subtraction angiography (ab), Hillman BJ, **148**: 330, 1983
rim nephrogram in renovascular compromise (ab), Demos TD; Gadwood K; Love L; et al, **148**: 876, 1983
selective embolization of a stenotic intrarenal artery for control of hypertension (ab), Warren WC; Warshaw BL; Hymes LC; et al, **148**: 336, 1983
- Renal arteries, therapeutic blockade**
control of hypertension by ethanol renal ablation, Nanni GS; Hawkins IF; Orak JK, **148**: 51, 1983
renal ablation using hot contrast medium: an experimental study, Cragg AH; Rose P; Rasyv JA; Rholl KS; Bendel WB; Vlodava Z; Castaneda-Zuniga WR; Amplatz K, **148**: 683, 1983
selective embolization of a stenotic intrarenal artery for control of hypertension (ab), Warren WC; Warshaw BL; Hymes LC; et al, **148**: 336, 1983
- Renal arteries, thrombosis**
Doppler study of renal artery of transplant kidneys (ab), Koff D; Plainfosse M-C; Merran S, **148**: 604, 1983
rim nephrogram in renovascular compromise (ab), Demos TD; Gadwood K; Love L; et al, **148**: 876, 1983
- Renal arteries, transluminal angioplasty**
effects of percutaneous transluminal angioplasty on renal plasma flow, Teates CD; Tegtmeyer CJ; Croft BY; et al, (SNM), **13**: 245, 1983
percutaneous transluminal dilatation for renal artery stenosis in a 22-month-old hypertensive girl, Stanley P; Senac MO; Bakody P; et al, (AJR), **140**: 983, 1983
renal artery angioplasty: techniques and early results (ab), Sos TA; Saddekni S; Sniderman KW; et al, **148**: 333, 1983
- Renal veins**
See also Kidney
- Renal veins, abnormalities**
anomalies of the left renal vein: analysis of 433 CT scans (ab), Reed MD; Friedman AC; Nealey P, **148**: 888, 1983
- Renal veins, stenosis**
nuclear magnetic resonance imaging of induced renal lesions, London DA; Davis PL; Williams RD; Crooks LE; Sheldon PE; Gooding CA, **148**: 167, 1983
- Renal veins, thrombosis**
circumauric left renal vein with tumor thrombus: CT diagnosis with angiographic and pathologic correlation, Handel DB; Heaston DK; Korobkin M; et al, (AJR), **141**: 97, 1983
- Respiratory distress syndrome**
chest tube perforation of the lung in premature infants: radiographic recognition, Strife JL; Smith P; Dunbar JS; et al, (AJR), **141**: 73, 1983
treatment of localized pulmonary interstitial emphysema with selective bronchial intubation, Vahey TN; Pratt GB; Baum RS, (AJR), **140**: 1107, 1983
- Respiratory distress syndrome, adult**
adult-onset pulmonary tuberculosis, Choyke PL; Sostman HD; Curtis AM; Ravin CE; Chen JTT; Godwin JD; Putman CE, **148**: 357, 1983
blastomycosis dermatidis and the adult respiratory distress syndrome (ab), Evans ME; Haynes JB; Atkinson JB; et al, **148**: 589, 1983
bronchopulmonary dysplasia in the adult (ab), Churg A; Golden J; Fliegel S; et al, **148**: 874, 1983
risk factors, incidence, and prognosis of ARDS following septicemia (ab), Fein AM; Lippmann M; Holtzman H; et al, **148**: 873, 1983
- Retina, diseases**
radiation retinopathy in diabetes mellitus (ab), Dhir SP; Joshi AV; Banerjee AK, **148**: 340, 1983
- Retroperitoneal space**
See also Abdomen
- Retroperitoneal space, anatomy**
computed tomography of the subperitoneal space: demonstration of direct spread of intraabdominal disease (ab), Oliphant M; Berne AS, **148**: 600, 1983

Retroperitoneal space, computed tomography

computed tomographic findings in suburoepithelial hemorrhage (ab), Miller V; Witten DM; Shin MS, **148**: 600, 1983

computed tomography of the subperitoneal space: demonstration of direct spread of intraabdominal disease (ab), Oliphant M; Berne AS, **148**: 600, 1983

detection of neoplastic lymph node involvement in the retroperitoneal space (ab), David E; van Kaick G; Ikinger U; et al, **148**: 343, 1983

psoas compartment disease studied by computed tomography: analysis of 50 cases and subject review, Feldberg MAM; Koehler PR; van Waes PFGM, **148**: 505, 1983

Retroperitoneal space, fibrosis

nuclear magnetic resonance imaging in retroperitoneal fibrosis, Hricak H; Higgins CB; Williams RD, **(AJR)**, **141**: 35, 1983

Retroperitoneal space, hemorrhage

computed tomographic findings in suburoepithelial hemorrhage (ab), Miller V; Witten DM; Shin MS, **148**: 600, 1983

Retroperitoneal space, neoplasms

computed tomography in pararenal and perirenal lesions (ab), Lamki N; Raval B, **148**: 600, 1983

preoperative embolization of retroperitoneal hemangiopericytomas as an aid in their removal (ab), Smullens SN; Scotti DJ; Osterholm JL; et al, **148**: 333, 1983

Retroperitoneal space, nuclear magnetic resonance (NMR) studies

nuclear magnetic resonance imaging in retroperitoneal fibrosis, Hricak H; Higgins CB; Williams RD, **(AJR)**, **141**: 35, 1983

Retroperitoneal space, therapeutic radiology

reduction of the scatter dose to the testicle outside the radiation treatment fields (ab), Kubo H; Shipley WU, **148**: 894, 1983

Retroperitoneal space, ultrasound studies

detection of neoplastic lymph node involvement in the retroperitoneal space (ab), David E; van Kaick G; Ikinger U; et al, **148**: 343, 1983

Rheumatism

atlas of radiology of rheumatic disorders (bk rev), Dequeker J, Reviewed by Carrera GF, **148**: 646, 1983

Ribs

distortions of ultrasonic field introduced by the rib cage in echocardiography (ab), Savakus AD; Shung KK; Miller NB, **148**: 605, 1983

Ribs, abnormalities

"pelvic" digit—an unusual developmental anomaly (ab), Greenspan A; Norman A, **148**: 877, 1983

Ribs, fractures

rib fractures in coronary bypass patients: radionuclide detection, Greenwald LV; Baisden CE; Symbas PN, **148**: 553, 1983

Ribs, radionuclide studies

rib fractures in coronary bypass patients: radionuclide detection, Greenwald LV; Baisden CE; Symbas PN, **148**: 553, 1983

Rickets

osteopenia and rickets in the extremely low birth weight infant—a survey of the incidence and radiological classification (ab), Masel JP; Tudehope D; Cartwright D; et al, **148**: 336, 1983

Roentgenograms

See Images

S**Salivary glands, effects of irradiation on**

correlation between initial salivary flow rate and radiation dose in the production of xerostomia (ab), Mira JC; Fullerton GD; Wescott WB, **148**: 895, 1983

Sarcoidosis

assessment of activity in sarcoidosis: sensitivity and specificity of gallium-67 scintigraphy, serum ACE levels, chest roentgenography, and blood lymphocyte subpopulations (ab), Klech H; Kohn H; Kummet F; et al, **148**: 605, 1983

bronchoalveolar lavage, serum angiotensin-converting enzyme, and gallium-67 scanning in extrathoracic sarcoidosis (ab), Wallaert B; Ramon P; Fournier E; et al, **148**: 349, 1983

Ga-67 scanning for assessment of disease activity and therapy decisions in pulmonary sarcoidosis in comparison to chest radiography, serum ACE and blood T-lymphocytes (ab), Kohn H; Klech H; Mostbeck A; et al, **148**: 349, 1983

sarcoidosis presenting as a lobar or unilateral lung infiltrate (ab), Demicco WA; Fanburg BL, **148**: 328, 1983

Sarcoma

nuclear magnetic resonance imaging of a fibrosarcoma tumor implanted in the rat, Moon KL Jr; Davis PL; Kaufman L; Crooks LE; Sheldon PE; Miller T; Brito AC; Watts JC, **148**: 177, 1983

postirradiation osteogenic sarcoma with unilateral metastatic spread within the field of irradiation (ab), Young JW; Liebscher LA, **148**: 896, 1983

primary chondrosarcoma of the lung (ab), Sun C-CJ; Kroll M; Miller JE, **148**: 327, 1983

skeletal metastases: the effect on the immature skeleton (ab), Ogden JA; Ogden DA, **148**: 882, 1983

space-occupying lesions of the myocardium: role of two-dimensional echocardiography in detection of cardiac tumors in children (ab), Duncan WJ; Rowe RD; Freedom RM; et al, **148**: 594, 1983

Scanned projection radiography

scanned projection radiography of the chest versus standard film radiography: a comparison of 250 cases, Huebener K-H, **148**: 363, 1983

Schistosomiasis

accuracy of ultrasound in the diagnosis of nonfunctioning kidneys (ab), Arafa NM; Fathi MM; Safwat M; et al, **148**: 604, 1983

Scleroderma

adenocarcinoma of the esophagus in patients with scleroderma, Halpert RD; Laufer I; Thompson JJ; et al, **(AJR)**, **140**: 927, 1983

Screens

See Films and screens

Scrotum, injuries

traumatized scrotum: ultrasound evaluation, Lupetin AR; King W III; Rich PJ; Lederman RB, **148**: 203, 1983

Scrotum, neoplasms

scrotal masses with a uniformly hyperechoic pattern, Vick CW; Bird KI Jr; Rosenfield AT; Visconti GN; Taylor KJW, **148**: 209, 1983

Scrotum, ultrasound studies

scrotal masses with a uniformly hyperechoic pattern, Vick CW; Bird KI Jr; Rosenfield AT; Visconti GN; Taylor KJW, **148**: 209, 1983

traumatized scrotum: ultrasound evaluation, Lupetin AR; King W III; Rich PJ; Lederman RB, **148**: 203, 1983

Seizures

CT parenchymal abnormalities in bacterial meningitis: clinical significance (ab), Packer RJ; Bilaniuk LT; Zimmerman RA, **148**: 593, 1983

monitoring of regional cerebral blood flow by single photon emission tomography of 1-123-N-isopropyl-iodoamphetamine in epileptics (ab), Magistretti PL; Uren RF; Parker JA; et al, **148**: 884, 1983

thrombosed arteriovenous malformations of the brain (ab), Wharen RE Jr; Scheithauer B; Laws ER Jr, **148**: 339, 1983

Sella turcica, computed tomography

CT abnormalities of the pituitary in hyperprolactinemic women with normal or equivocal sellae radiologically (ab), Jung RT; White MC; Bowley NB; et al, **148**: 341, 1983

Sella turcica, cysts

investigation and management of suprasellar arachnoid cysts (ab), Hoffman HJ; Hendrick EB; Humphreys RP; et al, **148**: 598, 1983

Sella turcica, empty

CT abnormalities of the pituitary in hyperprolactinemic women with normal or equivocal sellae radiologically (ab), Jung RT; White MC; Bowley NB; et al, **148**: 341, 1983

Sella turcica, neoplasms

application of NMR imaging to the evaluation of pituitary and juxtasellar tumors, Hawkes RC; Holland GN; Moore WS; et al, **(AJNR)**, **4**: 221, 1983

CT abnormalities of the pituitary in hyperprolactinemic women with normal or equivocal sellae radiologically (ab), Jung RT; White MC; Bowley NB; et al, **148: 341, 1983**

paramedian hourglass epidermoid extending above and below the tentorium (ab), Albanese V; Tomasello F; Picozzi P; et al, **148**: 598, 1983

Sella turcica, nuclear magnetic resonance (NMR) studies

application of NMR imaging to the evaluation of pituitary and juxtasellar tumors, Hawkes RC; Holland GN; Moore WS; et al, **(AJNR)**, **4**: 221, 1983

Sella turcica, radiography

CT abnormalities of the pituitary in hyperprolactinemic women with normal or equivocal sellae radiologically (ab), Jung RT; White MC; Bowley NB; et al, **148**: 341, 1983

Sella turcica, therapeutic radiology

size and erosive features of the sella turcica in acromegaly as predictors of therapeutic response to supervoltage irradiation (ab), Dons RF; Rieth KG; Gordon P; et al, **148**: 895, 1983

Seminal vesicle

transrectal sonographic voiding cystourethrography: studies in neuromuscular bladder dysfunction, Shapeero LG; Friedland GW; Perkash I, **(AJR)**, **141**: 83, 1983

Sex

hermaphroditism demonstrated by computed tomography, Gale ME, **(AJR)**, **141**: 99, 1983

Shoulder

shoulder arthropathy in primary hyperparathyroidism (ab), Nussbaum AJ; Doppman JL, **148**: 877, 1983

Shoulder, dislocation

delayed complications of treated reduced recurrent anterior dislocations of the humeral head in young adults (ab), Sutro CJ; Sutro W, **148**: 591, 1983

unusual dislocations of the shoulder, Downey EF Jr; Curtis DJ; Brower AC, **(AJR)**, **140**: 1207, 1983

Shunts, arterioportal

arterioportal shunts on dynamic computed tomography, Nakayama T; Hiyama Y; Ohnishi K; et al, **(AJR)**, **140**: 953, 1983

Shunts, arteriovenous

systemic artery-to-pulmonary vascular shunt: a complication of closed-tube thoracostomy, Fein AB; Godwin JD; Moore AV; et al, **(AJR)**, **140**: 917, 1983

Shunts, arteriovenous, pulmonary

radionuclide demonstration of intrapulmonary shunting in cirrhosis, Bank ER; Thrall JH; Dantzker DR, **(AJR)**, **140**: 967, 1983

Shunts, ventriculoamniotic

antenatal treatment of hydrocephalus by ventriculoamniotic shunting (ab), Frigoletto FD Jr; Birnholz JC; Greene MF, **148**: 348, 1983

Shunts, ventriculoatrial

coarctation of the frontal horns with acute distension of the trigones (ab), Zenobii M; Lucantoni D; Galzio R; et al, **148**: 883, 1983

Shunts, ventriculoperitoneal

antenatal treatment of hydrocephalus by ventriculoperitoneal shunting (ab), Frigoletto FD Jr; Birnholz JC; Greene MF, **148**: 348, 1983

cerebral spinal fluid edema: a rare complication of shunt operations for hydrocephalus (ab), Chiba Y; Takagi H; Nakajima F; et al, **148**: 883, 1983

investigation and management of suprasellar arachnoid cysts (ab), Hoffman HJ; Hendrick EB; Humphreys RP; et al, **148**: 598, 1983

scrotal migration of ventriculoperitoneal shunts, Crofford MJ; Balsam D, **(AJR)**, **141**: 369, 1983

Sickle cell disease (SS, SC)

sonographic diameter of the common hepatic duct in sickle cell anemia, Cunningham JJ, **(AJR)**, **141**: 321, 1983

Silver

viewpoint: silver recovery, Thompson TT, (RG), **3**: 298, 1983

Sinuses, cavernous

See Cavernous sinus

Skeleton

See Bones

Skin, effects of irradiation on

- Skin, effects of irradiation on**
microwave-induced hyperthermia and ionizing radiation (ab), Lindholm C-E; Kjellen E; Landberg T; et al, **148**: 894, 1983
- Skin, neoplasms**
adenocarcinoma of an ileostomy site with skin invasion: a case report (ab), Baciewicz F; Sparberg M; Lawrence JB; et al, **148**: 875, 1983
- dermatofibrosis lenticularis disseminata with osteopoikilosis (Buschke-Ollendorff syndrome) (ab), Lippert C; Petzel H, **148**: 595, 1983
- mycosis fungoides: manifestations on computed tomography, Shapero LG; Young SW, **148**: 202, 1983
- Skull**
See also Head
computer reformations of the brain and skull base (bk rev), Unsold R; Ostertag CB; DeGroot J; Newton TH; Reviewed by Kido DK, **148**: 706, 1983
- Skull, computed tomography**
See Head, computed tomography
- Skull, fractures**
hearing loss in skull fractures, Momose KJ; Davis KR; Rhea JT, **(AJNR)**, **4**: 781, 1983
- Skull, neoplasms**
chondroid chordoma (ab), Clark WC; Robertson JH; Lara R, **148**: 884, 1983
- Soft tissues**
See also names of soft tissues, such as Breast
- Soft tissues, abscess**
multiple imaging modalities in the evaluation of musculoskeletal masses (ab), Yiu-Chiu V; Chiu L, **148**: 888, 1983
- Soft tissues, biopsy**
percutaneous needle biopsy of soft tissue tumors guided by ultrasound and computed tomography (ab), Zornoza J; Bernardino ME; Ordonez NG; et al, **148**: 892, 1983
- Soft tissues, computed tomography**
percutaneous needle biopsy of soft tissue tumors guided by ultrasound and computed tomography (ab), Zornoza J; Bernardino ME; Ordonez NG; et al, **148**: 892, 1983
- purely lytic osteosarcoma (ab), deSantos LA; Edeiken B, **148**: 889, 1983
- three-dimensional display of intracranial soft-tissue structures, Vannier MW; Gado MH; Marsh JL, **(AJNR)**, **4**: 520, 1983
- Soft tissues, neoplasms**
digital subtraction angiography for preoperative evaluation of extremity tumors, Paushter DM; Borkowski GP; Buonocore E; et al, **(AJR)**, **141**: 129, 1983
- multiple imaging modalities in the evaluation of musculoskeletal masses (ab), Yiu-Chiu V; Chiu L, **148**: 888, 1983
- percutaneous needle biopsy of soft tissue tumors guided by ultrasound and computed tomography (ab), Zornoza J; Bernardino ME; Ordonez NG; et al, **148**: 892, 1983
- purely lytic osteosarcoma (ab), deSantos LA; Edeiken B, **148**: 889, 1983
- tumoral calcinosis: case report and review (ab), Bishop AF; Destouet JM; Murphy WA; et al, **148**: 877, 1983
- Soft tissues, radionuclide studies**
amylloidoses of heart and liver: comparison of Tc-99m pyrophosphate and Tc-99m methylene diphosphonate for detection, Lee VW; Caldarelli AG; Falk RH; Rubinow A; Cohen AS, **148**: 239, 1983
- Soft tissues, ultrasound studies**
percutaneous needle biopsy of soft tissue tumors guided by ultrasound and computed tomography (ab), Zornoza J; Bernardino ME; Ordonez NG; et al, **148**: 892, 1983
- Spinal canal**
relative width of the lower spinal canal in children (ab), Marklund T, **148**: 880, 1983
- Spinal cord, abnormalities**
diamyelomelia: hemicord and meningeal sheaths; single and double arachnoid and dural tubes, Naidich TP; Harwood-Nash DC, **(AJNR)**, **4**: 633, 1983
- experimental cord stretchability and the tethered cord syndrome, Sarwar M; Crelin ES; Kier EL; et al, **(AJNR)**, **4**: 641, 1983
- sonographic evaluation of caudal spine anomalies in children, Naidich TP; McLone DG; Shkolnik A; et al, **(AJNR)**, **4**: 661, 1983
- Spinal cord, atrophy**
patterns of spinal cord atrophy by metrizamide CT, Mawad ME; Hilal SK; Fetell MR; et al, **(AJNR)**, **4**: 611, 1983

- Spinal cord, compression**
cord shape and measurements in cervical spondylosis: myelopathy and radiculopathy, Yu YL; Stevens JM; Kendall B; et al, **(AJNR)**, **4**: 839, 1983
- hypertrophic neuropathy with spinal cord compression (ab), Carlin L; Biller J; Challa V; et al, **148**: 338, 1983
- radiographic description of thoracolumbar fractures (ab), Jelsma RK; Kirsch PT; Rice JE; et al, **148**: 331, 1983
- spinal epidural extramedullary hematopoiesis with spinal cord compression in a patient with refractory sideroblastic anemia (ab), Heffez DS; Sawaya R; Udvarhelyi GB; et al, **148**: 338, 1983
- Spinal cord, cysts**
percutaneous injection of metrizamide into spinal cord cysts for preoperative diagnosis of syringomyelia, Emde H; Piegras U, **(AJNR)**, **4**: 622, 1983
- Spinal cord, injuries**
spinal cord injury, spinal fracture, and spinal stenosis in ankylosing spondylitis (ab), Weinstein PR; Karpmann RR; Gall EP; et al, **148**: 597, 1983
- urosonography in spinal cord injury patients (ab), Calenoff L; Neiman HL; Kaplan PE; et al, **148**: 605, 1983
- Spinal cord, neoplasms**
giant spinal cord angioma diagnosed by digital subtraction intravenous angiography and computerized tomography (ab), Taylor CR; Virapongse C; Davey LM, **148**: 597, 1983
- Spinal cord, nuclear magnetic resonance (NMR) studies**
nuclear magnetic resonance imaging of the spine, Modic MT; Weinstein MA; Pavlicek W; Starnes DL; Duchesneau PM; Boumphrey F; Hardy RJ Jr, **148**: 757, 1983
- Spinal cord, radiography**
See Myelography
- Spinal cord, therapeutic radiology**
residual injury in the spinal cord after treatment with x rays or neutrons (ab), Hornsey S; Myers R; Warren P, **148**: 608, 1983
- Spinal cord, ultrasound studies**
sonographic evaluation of caudal spine anomalies in children, Naidich TP; McLone DG; Shkolnik A; et al, **(AJNR)**, **4**: 661, 1983
- Spine, abnormalities**
arthrography of the cervical facet joints, Dory MA, **148**: 379, 1983
- brief clinical communication: neurogenic perineal prolapse in neonates, Lee FA; McComb JG, **148**: 433, 1983
- influence of spinal posture on abnormalities demonstrated by lumbar myelography, Wilimink JT; Penning L, **(AJNR)**, **4**: 656, 1983
- new understanding of dorsal dysraphism with lipoma (lipomyeloschisis): radiologic evaluation and surgical correction, Naidich TP; McLone DG; Mutluer S, **(AJR)**, **140**: 1065, 1983
- retrosomatic clefts: computed tomographic appearance, Johansen JG; McCarty DJ; Haughton VM, **148**: 447, 1983
- Spine, anatomy**
correlative anatomic and CT study of the lumbar lateral recess, Mattozzi F; Moreau JJ; Jiddane M; et al, **(AJNR)**, **4**: 650, 1983
- multiplanar spinal anatomy: comparison of CT and cryomicrotomy in postmortem specimens, Bergstrom K; Nyberg G; Pech P; et al, **(AJNR)**, **4**: 590, 1983
- Spine, angiography**
stereoscopic magnification in spinal angiography, Vogelsang H; Dietz K, **(AJNR)**, **4**: 588, 1983
- Spine, arthritis**
atlantoaxial subluxation (L), Jackson H, **148**: 864, 1983
- atlantoaxial subluxation: reply (L), Weissman BN, **148**: 865, 1983
- Spine, computed tomography**
advantages of supplementary CT in myelography of intraspinal masses, Tadmor R; Cayacorin ED; Kieffer SA, **(AJNR)**, **4**: 618, 1983
- assessment of craniocervical junction and atlantoaxial relation using metrizamide-enhanced CT in flexion and extension, Osborne D; Triolo P; Dubois P; et al, **(AJNR)**, **4**: 843, 1983
- chronic lumbar extradural hematoma: CT findings, Levitan LH; Wiens CW, **148**: 707, 1983
- computed air myelography of the lumbosacral spine, Tan WS; Spigos DG; Khine N; et al, **(AJNR)**, **4**: 609, 1983
- computed tomography in the early detection of skeletal involvement with multiple myeloma (ab), Helms CA; Genant HK, **148**: 888, 1983
- correlative anatomic and CT study of the lumbar lateral recess, Mattozzi F; Moreau JJ; Jiddane M; et al, **(AJNR)**, **4**: 650, 1983
- CT evaluation of the lumbosacral spine, Leonardi M; Biasizzo E; Fabris G; et al, **(AJNR)**, **4**: 846, 1983
- CT identification of postlaminectomy pseudomeningocele, Teplick JG; Peyster RG; Teplick SK; et al, **(AJR)**, **140**: 1203, 1983
- CT in pyogenic osteomyelitis of the spine, Kattapuram SV; Phillips WC; Boyd R, **(AJR)**, **140**: 1199, 1983
- differential CT diagnosis of extruded nuclear pulposus, Williams AL; Haughton VM; Daniels DL; Grogan JP, **148**: 141, 1983
- discrepancy between metrizamide CT and myelography in diagnosis of cervical disk protrusions, Nakagawa H; Okumura T; Sugiyama T; et al, **(AJNR)**, **4**: 604, 1983
- imaging factors influencing spine and cord measurements by CT: a phantom study, Rosenblum S; Cohen WA; Marshall C; et al, **(AJNR)**, **4**: 646, 1983
- iopamidol and metrizamide in cervical myelography: side effects, EEG, and CSF changes, Moschini L; Manara O; Bonaldi G; et al, **(AJNR)**, **4**: 848, 1983
- morphology and dimensions of the thoracic cord by computer-assisted metrizamide myelography, Cellad F; Rao KCVG; Joseph PM; et al, **(AJNR)**, **4**: 614, 1983
- multiplanar spinal anatomy: comparison of CT and cryomicrotomy in postmortem specimens, Bergstrom K; Nyberg G; Pech P; et al, **(AJNR)**, **4**: 590, 1983
- myelopathy and radiculopathy due to cervical spondylosis: myelographic-CT correlations, Scotti G; Scialfa G; Pierelli S; et al, **(AJNR)**, **4**: 601, 1983
- new understanding of dorsal dysraphism with lipoma (lipomyeloschisis): radiologic evaluation and surgical correction, Naidich TP; McLone DG; Mutluer S, **(AJR)**, **140**: 1065, 1983
- patterns of spinal cord atrophy by metrizamide CT, Mawad ME; Hilal SK; Fetell MR; et al, **(AJNR)**, **4**: 611, 1983
- postoperative lumbar CT: technique, results, and indications, Schubiger O; Valavanis A, **(AJNR)**, **4**: 595, 1983
- prolapsing lumbar disk: value of CT in diagnosis, Rovira M; Romero F; Ibarra B; et al, **(AJNR)**, **4**: 593, 1983
- quantitative computed tomography of vertebral spongiosis: a sensitive method for detecting early bone loss after oophorectomy (ab), Genant HK; Cann CE; Ettinger B; et al, **148**: 342, 1983
- recognition of cervical soft disk herniation by contrast-enhanced CT, Barilex D; Noterman J; Ticket L, **(AJNR)**, **4**: 607, 1983
- retrosomatic clefts: computed tomographic appearance, Johansen JG; McCarty DJ; Haughton VM, **148**: 447, 1983
- spinal cord injury, spinal fracture, and spinal stenosis in ankylosing spondylitis (ab), Weinstein PR; Karpmann RR; Gall EP; et al, **148**: 597, 1983
- Spine, curvature**
reduction of radiation exposure during radiography for scoliosis (ab), Gray JE; Hoffman AD; Peterson HA, **148**: 877, 1983
- Spine, cysts**
spinal extradural arachnoid pouches (ab), McCrum C; Williams B, **148**: 885, 1983
- Spine, diseases**
cord shape and measurements in cervical spondylotic myelopathy and radiculopathy, Yu YL; Stevens JM; Kendall B; et al, **(AJNR)**, **4**: 839, 1983

Stomach, stenosis

- craniovertebral junction malformations (ab). Di Lorenzo N; Fortuna A; Guidetti B, **148**: 886, 1983
- myopathy and radiculopathy due to cervical spondylosis: myelographic-CT correlations, Scotti G; Scialfa G; Pieralli S; et al, (AJNR), **4**: 601, 1983
- myopathy due to ossification or calcification of the ligamentum flavum: radiologic and histologic evaluations, Miyasaka K; Kaneda K; Sato S; et al, (AJNR), **4**: 629, 1983
- Spine, dislocation**
influence of spinal posture on abnormalities demonstrated by lumbar myelography, Wilkins JT; Penning L, (AJNR), **4**: 656, 1983
- radiographic description of thoracolumbar fractures (ab), Jelsma RK; Kirsch PT; Rice JF; et al, **148**: 331, 1983
- Spine, facet joints**
arthrography of the cervical facet joints, Dory MA, **148**: 379, 1983
- Spine, fractures**
radiographic description of thoracolumbar fractures (ab), Jelsma RK; Kirsch PT; Rice JF; et al, **148**: 331, 1983
- spinal cord injury, spinal fracture, and spinal stenosis in ankylosing spondylitis (ab), Weinstein PR; Karpman RR; Gall EP; et al, **148**: 597, 1983
- Spine, inflammation**
See Spondylitis
- Spine, injuries**
thoracic and lumbar spine fusion: postoperative radiologic evaluation, Foley MJ; Calenoff L; Hendrix RW; et al, (AJR), **141**: 373, 1983
- Spine, intervertebral disks**
cervical disk syndromes: value of metrizamide myelography and diskography, Hartjes H; Roosen K; Grote W; et al, (AJNR), **4**: 644, 1983
- differential CT diagnosis of extruded nuclear pulposis, Williams AL; Haughton VM; Daniels DL; Grogan JP, **148**: 141, 1983
- discrepancy between metrizamide CT and myelography in diagnosis of cervical disk protrusions, Nakagawa H; Okumura T; Sugiyama T; et al, (AJNR), **4**: 604, 1983
- idiopathic segmental sclerosis of vertebral bodies (ab), McCarthy EF; Dorfman HD, **148**: 877, 1983
- lateral disk herniation into the lumbar intervertebral foramen: differential diagnosis, Gado M; Patel J; Hodges FJ III, (AJNR), **4**: 598, 1983
- prolapsing lumbar disk: value of CT in diagnosis, Rovira M; Romero F; Ibarra B; et al, (AJNR), **4**: 593, 1983
- recognition of cervical soft disk herniation by contrast-enhanced CT, Berauxia D; Noterman J; Ticket L, (AJNR), **4**: 607, 1983
- Spine, neoplasms**
advantages of supplementary CT in myelography of intraspinal masses, Tadmor R; Cacayorin ED; Kieffer SA, (AJNR), **4**: 618, 1983
- computed tomography in the early detection of skeletal involvement with multiple myeloma (ab), Helms CA; Genant HK, **148**: 888, 1983
- ruptured spinal ependymoma simulating bacterial meningitis (ab), Okawara S, **148**: 885, 1983
- unusual presentation of cervical chordoma with long-term survival (ab), Shallat RF; Taekman MS; Nagle RC, **148**: 596, 1983
- Spine, nuclear magnetic resonance (NMR) studies**
craniovertebral junction pathology: assessment by NMR, Hawkes RC; Holland CN; Moore WS; et al, (AJNR), **4**: 232, 1983
- nuclear magnetic resonance imaging of the spine, Modic MT; Weinstein MA; Pavlicek W; Starnes DL; Duchesneau PM; Boumphrey F; Hardy RJ Jr, **148**: 757, 1983
- Spine, radiography**
cervical disk syndromes: value of metrizamide myelography and diskography, Hartjes H; Roosen K; Grote W; et al, (AJNR), **4**: 644, 1983
- new understanding of dorsal dysraphism with lipoma (lipomyeloschisis): radiologic evaluation and surgical correction, Naidich TP; McLone DG; Mutluer S, (AJR), **140**: 1065, 1983
- pre-employment radiography of the lumbosacral spine (ab), Foote GA, **148**: 331, 1983
- radiographic description of thoracolumbar fractures (ab), Jelsma RK; Kirsch PT; Rice JF; et al, **148**: 331, 1983
- radiography of posttraumatic syringomyelia, Rosier AB; Foo D; Naheedy MH; et al, (AJNR), **4**: 637, 1983
- reduction of radiation exposure during radiography for scoliosis (ab), Gray JE; Hoffman AD; Peterson HA, **148**: 877, 1983
- thoracic and lumbar spine fusion: postoperative radiologic evaluation, Foley MJ; Calenoff L; Hendrix RW; et al, (AJR), **141**: 373, 1983
- Spine, sclerosis**
idiopathic segmental sclerosis of vertebral bodies (ab), McCarthy EF; Dorfman HD, **148**: 877, 1983
- Spine, stenosis**
cord shape and measurements in cervical spondylositic myelopathy and radiculopathy, Yu YL; Stevens JM; Kendall B; et al, (AJNR), **4**: 839, 1983
- nuclear magnetic resonance imaging of the spine, Modic MT; Weinstein MA; Pavlicek W; Starnes DL; Duchesneau PM; Boumphrey F; Hardy RJ Jr, **148**: 757, 1983
- spinal cord injury, spinal fracture, and spinal stenosis in ankylosing spondylitis (ab), Weinstein PR; Karpman RR; Gall EP; et al, **148**: 597, 1983
- Spine, surgery**
hypertrophic neuropathy with spinal cord compression (ab), Carlin L; Biller J; Challa V; et al, **148**: 338, 1983
- postoperative lumbar CT: technique, results, and indications, Schubiger O; Valavanis A, (AJNR), **4**: 595, 1983
- Spleen, abscess**
infective complications of splenic trauma (ab), Epstein BM; Omar GM, **148**: 888, 1983
- non-surgical drainage of splenic abscess, Berkman WA; Harris SA Jr; Bernardino ME, (AJR), **141**: 395, 1983
- sonography of splenic abscesses, Kay CJ; Pawar S; Rosenfield AT, (SU), **4**: 91, 1983
- Spleen, computed tomography**
infective complications of splenic trauma (ab), Epstein BM; Omar GM, **148**: 888, 1983
- large-cell lymphoma of the spleen: CT appearance, Meyer JE; Harris NL; Elman A; Stomper PC, **148**: 199, 1983
- Spleen, diseases**
partial splenic embolization in the management of hypersplenism secondary to Gaucher disease (ab), Thanopoulos BD; Frimas CA, **148**: 335, 1983
- Spleen, injuries**
infective complications of splenic trauma (ab), Epstein BM; Omar GM, **148**: 888, 1983
- radionuclide imaging of the injured spleen and liver, Lutzker LG, (SNM), **13**: 184, 1983
- surgeon's view of the role of radionuclide imaging in evaluating trauma, Roberts SS, (SNM), **13**: 84, 1983
- Spleen, neoplasms**
large-cell lymphoma of the spleen: CT appearance, Meyer JE; Harris NL; Elman A; Stomper PC, **148**: 199, 1983
- Spleen, radionuclide studies**
embryologic collateral venous channel on radionuclide liver/spleen study, Wilkinson RH Jr; Johnson DG, (AJR), **141**: 45, 1983
- gamut: spleen imaging—enlargement of the spleen, Groshar D; Israel O; Front D, (SNM), **13**: 295, 1983
- radionuclide imaging of the injured spleen and liver, Lutzker LG, (SNM), **13**: 184, 1983
- surgeon's view of the role of radionuclide imaging in evaluating trauma, Roberts SS, (SNM), **13**: 84, 1983
- Spleen, surgery**
overwhelming post-splenectomy infection in Hodgkin's disease: pathogenesis and prevention (ab), Shimmin DS; Linggood RM; Weitzman SA, **148**: 878, 1983
- Spleen, ultrasound studies**
infective complications of splenic trauma (ab), Epstein BM; Omar GM, **148**: 888, 1983
- sonography of splenic abscesses, Kay CJ; Pawar S; Rosenfield AT, (SU), **4**: 91, 1983
- Spondylitis**
regional lung ventilation in ankylosing spondylitis (ab), Parkin A; Robinson PJ; Hickling P, **148**: 605, 1983
- spinal cord injury, spinal fracture, and spinal stenosis in ankylosing spondylitis (ab), Weinstein PR; Karpman RR; Gall EP; et al, **148**: 597, 1983
- Spondylolistis**
myelopathy and radiculopathy due to cervical spondylosis: myelographic-CT correlations, Scotti G; Scialfa G; Pieralli S; et al, (AJNR), **4**: 601, 1983
- Sterility**
fertility rate after hysterosalpingography with Sinograft, Cooper RA; Jabamoni R; Pieters CH, (AJR), **141**: 105, 1983
- induction of ovulation monitored by ultrasound, McArdle CR; Seibel M; Weinstein F; Hann LE; Nickerson C; Taymor ML, **148**: 809, 1983
- transrectal sonographic voiding cystourethrography: studies in neuromuscular bladder dysfunction, Shapeero LG; Friedland GW; Perkash I, (AJR), **141**: 83, 1983
- ultrasonic signs of imminent ovulation (ab), Picker RH; Smith DH; Tucker MH; et al, **148**: 892, 1983
- Sternum**
computed tomography of the normal sternum, Goodman LR; Teplick SK; Kay H, (AJR), **141**: 219, 1983
- Sternum, surgery**
complications of median sternotomy: computed tomographic evaluation, Goodman LR; Kay HR; Teplick SK; et al, (AJR), **141**: 225, 1983
- Steroids**
pneumococcal epiglottitis in systemic lupus erythematosus on high-dose corticosteroids (ab), Shahit M; Gross DJ; Levo Y, **148**: 599, 1983
- short term high dose corticosteroids in computed tomographic staging of experimental brain abscess (ab), Lyons BE; Enzmann DR; Britt RH; et al, **148**: 337, 1983
- steroid-induced remissions in CNS lymphoma (ab), Singh A; Strobos RJ; Singh BM; et al, **148**: 596, 1983
- Stomach**
See also Gastrointestinal tract
- Stomach, anatomy**
normal or benign gastric wall thickening demonstrated by computed tomography (ab), Komaki S, **148**: 888, 1983
- Stomach, computed tomography**
normal or benign gastric wall thickening demonstrated by computed tomography (ab), Komaki S, **148**: 888, 1983
- Stomach, mucosa**
heterotopic gastric tissue in the duodenum (ab), Spiller RC; Shousha S; Barrison IG, **148**: 329, 1983
- Stomach, neoplasms**
Atlas of x-ray diagnosis of early gastric cancer. 2nd ed. (bk rev), Shirakabe H; Nishizawa M; Maruyama M; Kobayashi S, Reviewed by Miller RE, **148**: 632, 1983
- normal or benign gastric wall thickening demonstrated by computed tomography (ab), Komaki S, **148**: 888, 1983
- primary gastric lymphoma (ab), Dworkin B; Lightdale CJ; Weingrad DN; et al, **148**: 351, 1983
- Stomach, polyps**
See Stomach, neoplasms
- Stomach, radiography**
Atlas of x-ray diagnosis of early gastric cancer. 2nd ed. (bk rev), Shirakabe H; Nishizawa M; Maruyama M; Kobayashi S, Reviewed by Miller RE, **148**: 632, 1983
- double-contrast examination of the stomach: 100mm fluorography vs. full-size radiography, Soini I; Kiuru A; Makela PJ; Varpula M; Virtama P, **148**: 627, 1983
- radiologic evaluation of gastrostomy complications, Vade A; Jafri SZH; Agha FP; et al, (AJR), **141**: 325, 1983
- Stomach, radionuclide studies**
abnormal gallbladder emptying in patients with gallstones (ab), Fisher RS; Strelzel F; Rock E; et al, **148**: 350, 1983
- application of techniques using radionuclides to the study of gastric emptying (ab), Horowitz M; Cook DJ; Collins PJ; et al, **148**: 350, 1983
- gastric emptying in children: unusual patterns detected by scintigraphy, Seibert JJ; Byrne WJ; Euler AR, (AJR), **141**: 49, 1983
- Stomach, stenosis**
gastric emptying in children: unusual patterns detected by scintigraphy, Seibert JJ; Byrne WJ; Euler AR, (AJR), **141**: 49, 1983

Stomach, stenosis

- percutaneous transhepatic insertion of a jejunal feeding tube, McDonald DG; Khalil MF; Vernon JK, **148**: 309, 1983
- Stomach, surgery**
- primary gastric lymphoma (ab), Dworkin B; Lightdale CJ; Weingrad DN; et al, **148**: 351, 1983
- radiologic evaluation of gastrectomy complications, Vade A; Jafri SZH; Agha FP; et al, (AJR), **141**: 325, 1983
- Stomach, ulcer**
- See Peptic ulcer
- Streptokinase**
- acute coronary artery occlusion during percutaneous transluminal coronary angioplasty: reopening by intracoronary streptokinase before emergency coronary artery surgery to prevent myocardial infarction (ab), Schofer J; Krebs H-J; Bleifeld W; et al, **148**: 592, 1983
- low-dose fibrinolytic therapy: results and new concepts, Becker GJ; Rabe FE; Richmond BD; Holden RW; Yune HY; Dilley RS; Bang NU; Glover JL; Klatt EC, **148**: 663, 1983
- lysis of a chronic arterial occlusion with streptokinase, Berkman WH; White RI Jr; Parandian BB, (AJR), **141**: 403, 1983
- massive pulmonary embolism: treatment with full heparinization and topical low-dose streptokinase, Vujic I; Young JW; Gobien RP; Dawson WT; Liebscher L; Shelley BE Jr, **148**: 671, 1983
- new therapy for acute myocardial infarction: intracoronary thrombolysis (ab), Fuentes F; Smalling RW; Freund GC; et al, **148**: 874, 1983
- percutaneous transluminal coronary angioplasty immediately after intracoronary streptolysis of transmural myocardial infarction (ab), Meyer J; Merk W; Schmitz H; et al, **148**: 332, 1983
- selective streptokinase infusion: clinical and laboratory correlates, Mori KW; Bookstein JJ; Heaney DJ; Barbin JA; Donnelly KJ; Rhodes GA; Dilley RB; Warmath MA; Bernstein EF, **148**: 677, 1983
- thrombolytic agents: effects of local infusion on microvascular physiology and macrovascular ultrastructure, Becker GJ; Rabe FE; Hogan RD; Evan AP; Franklin TD; Holden RW; Bang NU; Dilley RS; Bendick PJ; Klatt EC, **148**: 403, 1983
- Subtraction**
- abnormal parathyroid glands: comparison of nonselective arterial digital arteriography, selective parathyroid arteriography, and venous digital arteriography as methods of detection, Krudy AG; Doppman JL; Miller DL; Marx SJ; Norton JA; Santora AC II; Lasker RD; Downs RW; Spiegel AM; Aurbach GD, **148**: 23, 1983
- aortic arch digital arteriography: an alternative technique to digital venous angiography and routine arteriography in the evaluation of cerebrovascular insufficiency, Zimmerman RD; Goldman MJ; Auster M; et al, (AJNR), **4**: 266, 1983
- clinical intra-arterial digital subtraction imaging: use of small volumes of iodinated contrast material or carbon dioxide, Miller FJ; Mineau DE; Koehler PR; Nelson JA; Luers PD; Sherry RA; Lawrence FP; Anderson RE; Kruger RA, **148**: 273, 1983
- complementary roles of a noninvasive test battery and DSA in evaluating carotid artery disease, Ackerman RH; D'Alton JG; Davis KR; et al, (AJNR), **4**: 757, 1983
- control of swallowing by use of topical anesthesia during digital subtraction angiography, Sider L; Mintzer RA; Deschner TW; Kim KS; Weinberg PE, **148**: 563, 1983
- digital subtraction angiography for localization of parathyroid lesions (ab), Levy JM; Hessel SJ; Dippe SE; et al, **148**: 332, 1983
- digital subtraction angiography for preoperative evaluation of extremity tumors, Paushker DM; Borkowski GP; Buonocore E; et al, (AJR), **141**: 129, 1983
- digital subtraction angiography of aortic dissection, Guthaner DF; Miller DC, (AJR), **141**: 157, 1983

- digital subtraction angiography of glomus tympanicum and jugular tumors, Carmody RF; Seeger JF; Horsley WW; et al, (AJNR), **4**: 263, 1983
- digital subtraction angiography with intravenous injection: assessment of 1,000 carotid bifurcations, Wood GW; Lukin RR; Tomsick TA; et al, (AJR), **140**: 855, 1983
- digital vascular imaging: practical aspects, Eskridge JM; Becker GJ; Rabe FE; Holden RW; Klatt EC, **148**: 703, 1983
- evaluation of aorto-iliac occlusive disease by intravenous digital subtraction angiography, Rosen RJ; Roven SJ; Taylor RF; Imparato AM; Riles TS, **148**: 7, 1983
- evaluation of cerebral hemispheric contrast transit with intravenous digital subtraction angiography, Seeger JF; Carmody RF; Smith JRL; et al, (AJNR), **4**: 333, 1983
- evaluation of prototype equipment for digital subtraction angiography in diagnosing intracranial lesions, Takahashi M; Hirota Y; Bussaka H; et al, (AJNR), **4**: 259, 1983
- giant spinal cord angioma diagnosed by digital subtraction intravenous angiography and computerized tomography (ab), Taylor CR; Virapongse C; Davey LM, **148**: 597, 1983
- intra-arterial digital subtraction angiography: comparison with conventional hepatic arteriography, Flannigan BD; Gomes AS; Stambus EC; Lois JF; Pais OS, **148**: 17, 1983
- intra-arterial digital subtraction angiography: evaluation in 150 patients, Davis PC; Hoffman JC Jr, **148**: 9, 1983
- intracranial intravenous digital subtraction angiography (ab), Enzmann DR; Brody WR; Riederer S; et al, **148**: 339, 1983
- intravenous digital subtraction angiography in the investigation of intracranial disease, DeFilipp G; Pinto RS; Lin JP; Krichell II, **148**: 129, 1983
- intravenous digital subtraction angiography with iohexol, Cacayorin ED; Bernstein AD; Fruehan CT; et al, (AJNR), **4**: 329, 1983
- limitations of digital subtraction angiography in evaluating potential renal donors, Rabe FE; Smith EJ; Yune HY; et al, (AJR), **141**: 91, 1983
- limitations of intravenous subtraction angiography, Turki PA; Zwibel WJ; Strother CM; et al, (AJNR), **4**: 271, 1983
- metric ruler for digital subtraction angiography, Lee KR; Cox GG; Price HI; Batnitzy S; Dwyer SJ III, **148**: 296, 1983
- neuroradiologic applications of intraarterial digital subtraction angiography, Eggers FM; Price AC; Allen JH; et al, (AJNR), **4**: 854, 1983
- quantitative in vivo comparison of six contrast agents by digital subtraction angiography (ab), Burbank FH; Brody WR; Hall A; et al, **148**: 592, 1983
- renovascular hypertension: diagnosis of renal artery stenosis by digital video subtraction angiography (ab), Hillman BJ, **148**: 330, 1983
- temporal energy hybrid subtraction in intravenous digital subtraction angiography, Foley WD; Keyes GS; Smith DF; Belanger B; Sieb LE; Lawson TL; Thorsen MK; Stewart ET, **148**: 265, 1983
- vasospasm secondary to ruptured aneurysm: assessment by digital intravenous angiography, Pinto RS; Krichell II; De Filipp G; et al, (AJNR), **4**: 283, 1983
- Sudden infant death syndrome (SIDS)**
- infant apnea: findings on the barium esophagram, Haney PJ, **148**: 425, 1983
- Surgery, complications**
- complications of median sternotomy: computed tomographic evaluation, Goodman LR; Kay HR; Teplick SK; et al, (AJR), **141**: 225, 1983
- CT identification of postlaminectomy pseudomeningocele, Teplick JG; Peyster RG; Teplick SK; et al, (AJR), **140**: 1203, 1983
- effect of cardiac surgery on ventricular septal motion: assessment by intraoperative echocardiography and cross-sectional two-dimensional echocardiography (ab), Waggoner AD; Shah AA; Schuessler JS; et al, **148**: 891, 1983

- overwhelming post-splenectomy infection in Hodgkin's disease: pathogenesis and prevention (ab), Shimmin DS; Linggood RM; Weitzman SA, **148**: 878, 1983
- radiologic evaluation of complications after esophagogastrectomy, Owen JW; Balfe DM; Koehler RE; et al, (AJR), **140**: 1163, 1983
- radiologic evaluation of gastrostomy complications, Vade A; Jafri SZH; Agha FP; et al, (AJR), **141**: 325, 1983
- rib fractures in coronary bypass patients: radionuclide detection, Greenwald LV; Baisden CE; Symbas PN, **148**: 553, 1983
- systemic artery-to-pulmonary vascular shunt: a complication of closed-tube thoracostomy, Fein AB; Godwin JD; Moore AV; et al, (AJR), **140**: 917, 1983
- utererosigmoidostomy: the development of tumors, diagnosis, and pitfalls, Princenthal RA; Lowman R; Zeman RK; et al, (AJR), **141**: 77, 1983
- Urinary fistulas after partial nephrectomy:** treatment by segmental renal embolization, Mitty HA; Dan SJ; Goldman HJ; et al, (AJR), **141**: 101, 1983

Synovial membrane

- femoral neck erosions: sign of hip joint synovial disease, Goldberg RP; Weissman BN; Naimark A; et al, (AJR), **141**: 107, 1983
- Synovitis**
- femoral neck erosions: sign of hip joint synovial disease, Goldberg RP; Weissman BN; Naimark A; et al, (AJR), **141**: 107, 1983

Syringomyelia

- nuclear magnetic resonance imaging of syringomyelia, Yeates A; Brant-Zawadzki M; Norman D; et al, (AJNR), **4**: 234, 1983
- percutaneous injection of metrizamide into spinal cord cysts for preoperative diagnosis of syringomyelia, Emde H; Pieprags U, (AJNR), **4**: 622, 1983
- preoperative demonstration of postinflammatory syringomyelia, Simmons JD; Norman D; Newton TH, (AJNR), **4**: 625, 1983
- radiography of posttraumatic syringomyelia, Rossier AB; Foo D; Naheedy MH; et al, (AJNR), **4**: 637, 1983

T

Tachycardia

See Heart, rhythm

Temporal bone, computed tomography

- cholesteatoma of the temporal bone: role of computed tomography, Johnson DW; Voorhees RL; Lufkin EB; Hanafee W; Canalis R, **148**: 733, 1983
- high-resolution CT of the normal and abnormal fallopian canal, Valavanis A; Kubik S; Schubiger O, (AJNR), **4**: 748, 1983

Temporal bone, injuries

- hearing loss in skull fractures, Momose KJ; Davis KR; Rhea JT, (AJNR), **4**: 781, 1983

Temporal bone, neoplasms

- high-resolution CT investigation of nonchromaffin paragangliomas of the temporal bone, Valavanis A; Schubiger O; Oguz M, (AJNR), **4**: 516, 1983
- sclerosing lesions of the temporal bone (ab), Schrimpf R; Karmody CS; Chasin WD; et al, **148**: 341, 1983

Temporal bone, radiography

- computed tomography of the antverted internal auditory canal, Silver AJ; Jahn AF; Sane P; et al, (AJNR), **4**: 513, 1983

Tendinitis

- bilateral tendinitis of the flexor hallucis longus in a ballet dancer (ab), Cowell HR; Elenner V; Lawhon SM, **148**: 591, 1983

Teratoma

- prenatal aspiration of sacrococcygeal teratoma, Mintz MC; Mennuti M; Fishman M, (AJR), **141**: 367, 1983

Testis, fibrosis

- scrotal masses with a uniformly hyperechoic pattern, Vick CW; Bird KJ Jr; Rosenfield AT; Visconti GN; Taylor KJW, **148**: 209, 1983

Testis, neoplasms

- detection of neoplastic lymph node involvement in the retroperitoneal space (ab), David E; van Kaick G; Ikinger U; et al, **148**: 343, 1983

Thrombosis, venous

- reduction of the scatter dose to the testicle outside the radiation treatment fields (ab). Kubo H; Shipley WU, **148**: 894, 1983
- scrotal masses with a uniformly hyperechoic pattern, Vick CW; Bird KJ Jr; Rosenfield AT; Visconti GN; Taylor KJW, **148**: 209, 1983
- Testis, radionuclide studies**
- testicular necrosis: a preventable complication of epididymitis (ab), Vordermark JS II; Favila MQ, **148**: 606, 1983
- Testis, therapeutic radiology**
- isolated testicular relapse in boys with acute lymphoblastic leukaemia: treatment and outcome (ab), Tiedemann K; Chessells JM; Sandland RM, **148**: 594, 1983
- Testis, torsion**
- testicular necrosis: a preventable complication of epididymitis (ab), Vordermark JS II; Favila MQ, **148**: 606, 1983
- Testis, ultrasound studies**
- scrotal masses with a uniformly hyperechoic pattern, Vick CW; Bird KJ Jr; Rosenfield AT; Visconti GN; Taylor KJW, **148**: 209, 1983
- traumatized scrotum: ultrasound evaluation, Lepetit AR; King W III; Rich PJ; Lederman RB, **148**: 203, 1983
- Tetralogy of Fallot**
- two-dimensional echocardiographic identification of pulmonary artery branch stenosis (ab), Tinker DD; Nanda NC; Harris JP; et al, **148**: 345, 1983
- Thalassemia**
- See Anemia
- Therapeutic radiology**
- microwave-induced hyperthermia and ionizing radiation (ab), Lindholm C-E; Kjellen E; Landberg T; et al, **148**: 894, 1983
- Therapeutic radiology, complications**
- See Radiations, injurious effects, complications of therapeutic radiology
- Therapeutic radiology, dosimetry**
- how important is breathing in radiation therapy of the thorax? (ab), Henkelman RM; Mah K, **148**: 606, 1983
- Monte Carlo derivation of parameters for use in the tissue dosimetry of medium and low energy nuclides (ab), Dale RG, **148**: 896, 1983
- Therapeutic radiology, interstitial and intracavitary**
- prostatic carcinoma (ab), Reddy EK; Mansfield CM; Mebusk WK; et al, **148**: 351, 1983
- role of radiation therapy in the management of primary carcinoma of the vagina (ab), Prempree T, **148**: 895, 1983
- Therapeutic radiology, physics**
- characteristics of an intraoral cone for electron beam therapy with an 18 MeV linear accelerator (ab), Wexler MC; Tobochnik N; Spiegler P; et al, **148**: 607, 1983
- electron beam pseudoarc technique for irradiation of large areas of chest wall and other curved surfaces (ab), Boyer AL; Fullerton GD; Mira JG, **148**: 607, 1983
- preoperative embolization of retroperitoneal hemangiopericytomas as an aid in their removal (ab), Smullens SN; Scott DJ; Osterholm JL; et al, **148**: 333, 1983
- Therapeutic radiology, preoperative**
- carcinoma of the colon: irradiation by delayed split whole-abdominal technique, Meek AG; Lam WC; Order SE, **148**: 845, 1983
- influence of treatment and tumor grade on the prognosis of stage II carcinoma of the endometrium (ab), Prempree T; Patanaphan V; Salazar OM, **148**: 894, 1983
- Therapeutic radiology, technology**
- characteristics of an intraoral cone for electron beam therapy with an 18 MeV linear accelerator (ab), Wexler MC; Tobochnik N; Spiegler P; et al, **148**: 607, 1983
- electron beam pseudoarc technique for irradiation of large areas of chest wall and other curved surfaces (ab), Boyer AL; Fullerton GD; Mira JG, **148**: 607, 1983
- preliminary investigation of radiation dose reduction on an EM1 CT5005 whole body scanner using a copper wedge (ab), Webb JAC; Cranley K; Bell TK, **148**: 896, 1983
- reduction of the scatter dose to the testicle outside the radiation treatment fields (ab), Kubo H; Shipley WU, **148**: 894, 1983
- Thigh, computed tomography**
- computed tomography of intramuscular myxoma (ab), Ekelund L; Herrlin K; Rydholm A, **148**: 888, 1983
- Thigh, neoplasms**
- computed tomography of intramuscular myxoma (ab), Ekelund L; Herrlin K; Rydholm A, **148**: 888, 1983
- Thoracolumbar fracture**
- See Spine, fractures
- Thorax**
- See also Bronchi; Heart; Lung; Mediastinum
- Thorax, computed tomography**
- comparison of CT localization radiography and high-kilovoltage chest radiography, Effmann EL; Ravin CE; Breiman RS; et al, (AJR), **140**: 1115, 1983
- complications of median sternotomy: computed tomographic evaluation, Goodman LR; Kay HR; Teplick SK; et al, (AJR), **141**: 225, 1983
- computed tomography of the azygous-oesophageal recess (ab), Lund G; Lien HH, **148**: 342, 1983
- computed tomography of the normal sternum, Goodman LR; Teplick SK; Kay H, (AJR), **141**: 219, 1983
- CT and radiographic assessment of tube thoracostomy, Stark DD; Federle MP; Goodman PC, (AJR), **141**: 253, 1983
- how important is breathing in radiation therapy of the thorax? (ab), Henkelman RM; Mah K, **148**: 606, 1983
- Thorax, hemorrhage**
- fatal hemothorax after inadvertent transpleural biliary drainage, Dawson SL; Neff CC; Mueller PR; et al, (AJR), **141**: 33, 1983
- hyperdensity of recent hemorrhage at body computed tomography: incidence and morphologic variation, Wolverton MK; Crepps LF; Sundaram M; Heiberg E; Vas WG; Shields JB, **148**: 779, 1983
- Thorax, injuries**
- massive organized intrapericardial hematoma mimicking constrictive pericarditis (ab), Dunlap TE; Sorkin RP; Mori KW; et al, **148**: 602, 1983
- Thorax, nuclear magnetic resonance (NMR) studies**
- NMR evaluation of hilar and mediastinal lymphadenopathy, Cohen AM; Creiston S; LiPuma JP; Bryan PJ; Haaga JR; Alfidi RJ, **148**: 739, 1983
- Thorax, radiography**
- cervical aortic arch: CT correlation with conventional radiologic studies, Kennard DR; Spigos DG; Tan WS, (AJR), **141**: 295, 1983
- clincardiographic correlation with the extent of Legionnaire disease, Kroboth FJ; Yu VL; Reddy SC; et al, (AJR), **141**: 263, 1983
- comparison of CT localization radiography and high-kilovoltage chest radiography, Effmann EL; Ravin CE; Breiman RS; et al, (AJR), **140**: 1115, 1983
- congenital generalized fibromatosis (ab), Brill PW; Yandow DR; Langer LO; et al, **148**: 882, 1983
- conventional roentgen diagnosis of mediastinal lymphadenopathy (ab), Neufang KFR; Beyer D; Peters PE, **148**: 599, 1983
- CT and radiographic assessment of tube thoracostomy, Stark DD; Federle MP; Goodman PC, (AJR), **141**: 253, 1983
- digital radiography of the chest: clinical experience with a prototype unit, Fraser RG; Breathnach E; Barnes GT, **148**: 1, 1983
- ossification of thoracic ligamenta flava, Kudo S; Ono M; Russell WJ, (AJR), **141**: 117, 1983
- screening chest radiography: its role in modern medicine (ab), Greene R, **148**: 328, 1983
- Thorax, radionuclide studies**
- radionuclide imaging in diseases of the chest (parts I and II) (ab), Spies WG; Spies SM; Mintzer RA, **148**: 892, 1983
- thoracophallopagus conjoined twins: preoperative evaluation by scintigraphy, Patel B; Ho J; Sherry M; et al, (AJR), **140**: 1113, 1983
- Thorax, surgery**
- systemic artery-to-pulmonary vascular shunt: a complication of closed-tube thoracostomy, Fein AB; Godwin JD; Moore AV; et al, (AJR), **140**: 917, 1983
- Thorax, therapeutic radiology**
- electron beam pseudoarc technique for irradiation of large areas of chest wall and other curved surfaces (ab), Boyer AL; Fullerton GD; Mira JG, **148**: 607, 1983
- how important is breathing in radiation therapy of the thorax? (ab), Henkelman RM; Mah K, **148**: 606, 1983
- Thorax, ultrasound studies**
- ultrasound tomography and sonographically guided needle biopsy of intrathoracic masses (ab), Schwerk WB; Dombrowski H; Kalbfleisch H, **148**: 602, 1983
- Thromboembolism**
- See Embolism; Thrombosis
- Thrombophlebitis**
- association of septic thrombophlebitis with subperiosteal abscesses in children (ab), Jupiter JB; Ehrlich MG; Novelline RA; et al, **148**: 336, 1983
- deep venous thrombophlebitis following aortoiliac reconstructive surgery (ab), Reilly MK; McCabe CJ; Abbott WM; et al, **148**: 349, 1983
- Thrombosis**
- low-dose fibrinolytic therapy: results and new concepts, Becker GJ; Rabe FE; Richmond BD; Holden RW; Yune HY; Dilley RS; Bang NU; Glover JL; Klatte EC, **148**: 663, 1983
- selective streptokinase infusion: clinical and laboratory correlates, Mori KW; Bookstein JJ; Heaney DJ; Bardin JA; Donnelly KJ; Rhodes GA; Dilley RB; Warmath MA; Bernstein EF, **148**: 677, 1983
- thrombolytic agents: effects of local infusion on microvascular physiology and macrovascular ultrastructure, Becker GJ; Rabe FE; Hogan RD; Evan AP; Franklin TD; Holden RW; Bang NU; Dilley RS; Bendick PJ; Klatte EC, **148**: 403, 1983
- Thrombosis, arterial**
- how safe is the coronary angiogram? (ab), Adams DF, **148**: 328, 1983
- lysis of a chronic arterial occlusion with streptokinase, Berkman WA; White RI Jr; Parandian BB, (AJR), **141**: 403, 1983
- Thrombosis, cardiac**
- echocardiographic identification of right-sided cardiac intracavitory thromboembolus in massive pulmonary embolism (ab), Starkey IR; de Bono DP, **148**: 603, 1983
- regional stasis of blood in the dysfunctional left ventricle: echocardiographic detection and differentiation from early thrombosis (ab), Mikell FL; Asinger RW; Elsperger KJ; et al, **148**: 346, 1983
- role of computed tomography in the diagnosis of intracardiac thrombi (ab), Di Guglielmo L; Montemartini C; Vadalo G; et al, **148**: 342, 1983
- Thrombosis, cerebral**
- cerebral venous sinus thrombosis: report of a case and review of the literature (ab), Jamai WK; Everhart FR Jr; Sanders JM Jr, **148**: 885, 1983
- primary cerebral venous thrombosis in patients with cancer—a rarely diagnosed paraneoplastic syndrome (ab), Hickey WF; Garnick MB; Henderson IC; et al, **148**: 339, 1983
- Thrombosis, pulmonary**
- intrarterial infusion of urokinase in the treatment of acute pulmonary thromboembolism: preliminary observations, Barberena J, (AJR), **140**: 883, 1983
- noninvasive detection of proximal pulmonary artery thrombosis by two-dimensional echocardiography and computerized tomography (ab), DiCarlo LA Jr; Schiller NB; Herfkens RL; et al, **148**: 345, 1983
- Thrombosis, radionuclide diagnosis**
- cerebral venous sinus thrombosis: report of a case and review of the literature (ab), Jamai WK; Everhart FR Jr; Sanders JM Jr, **148**: 885, 1983
- Thrombosis, venous**
- deep venous thrombophlebitis following aortoiliac reconstructive surgery (ab), Reilly MK; McCabe CJ; Abbott WM; et al, **148**: 349, 1983

Thrombosis, venous

- Kimray-Greenfield filter: evaluation by duplex real-time/pulsed Doppler ultrasound, Pasto ME; Kurtz AB; Jarrell BE; Dubbins PA; Rifkin MD; Cole-Beuglet C; Baltarowich O; Goldberg BB, **148:** 223, 1983
- Tc-99m red blood cell venography in deep vein thrombosis of the leg (L), Rao MG, **148:** 577, 1983
- Tc-99m red blood cell venography in deep vein thrombosis of the leg: reply (L), Lisboa R; Stern J; Derbekyan V, **148:** 577, 1983
- Thymus, computed tomography**
- age-related changes in the thymus gland: CT-pathologic correlation, Moore AV; Korobkin M; Olanow W; et al, (AJR), **141:** 241, 1983
- computed tomography and sonography of thymolipoma, Yeh H-C; Gordon A; Kirschner PA; et al, (AJR), **140:** 1131, 1983
- Thymus, neoplasms**
- age-related changes in the thymus gland: CT-pathologic correlation, Moore AV; Korobkin M; Olanow W; et al, (AJR), **141:** 241, 1983
- computed tomography and sonography of thymolipoma, Yeh H-C; Gordon A; Kirschner PA; et al, (AJR), **140:** 1131, 1983
- Thymus, ultrasound studies**
- computed tomography and sonography of thymolipoma, Yeh H-C; Gordon A; Kirschner PA; et al, (AJR), **140:** 1131, 1983
- Thyroid, effects of irradiation on**
- reduction of radiation exposure during radiography for scoliosis (ab), Gray JE; Hoffman AD; Peterson HA, **148:** 877, 1983
- Thyroid, hyperthyroidism**
- breast cancer following iodine-131 therapy for hyperthyroidism (ab), Hoffman DA; McConahey WM, **148:** 896, 1983
- therapeutic iodine 125 for hyperthyroidism: evidence for a special radiobiological effect on the follicular cell (ab), Gray HW; Greig WR; Gillespie FC, **148:** 896, 1983
- thyrotropin-producing pituitary adenomas (ab), Hill SA; Falko JM; Wilson CB; et al, **148:** 341, 1983
- Thyroid, hypothyroidism**
- high radio-isotope uptakes in patients with hypothyroidism (ab), Wing J; Kalk WJ; Ganda C, **148:** 893, 1983
- therapeutic iodine 125 for hyperthyroidism: evidence for a special radiobiological effect on the follicular cell (ab), Gray HW; Greig WR; Gillespie FC, **148:** 896, 1983
- Thyroid, neoplasms**
- angiographic detection of unsuspected carcinoma of the thyroid gland (ab), Lazar HL; Eckhauser FE; Thompson NW, **148:** 788, 1983
- incidence of a pyramidal lobe on thyroid scans (ab), Levy HA; Sziklai JJ; Rosenberg RJ; et al, **148:** 606, 1983
- radionuclide demonstration of acute hemorrhage into follicular adenoma of the thyroid (ab), Kim EE; McConnell BA; Brown JS; et al, **148:** 893, 1983
- tomosintigraphy for detecting gastrointestinal and mediastinal thyroid cancers: first clinical results using radiolabelled monoclonal antibodies against carcinoembryonic antigen (ab), Berche C; Mach J-P; Lumbroso J-D; et al, **148:** 350, 1983
- Thyroid, radionuclide studies**
- high radio-isotope uptakes in patients with hypothyroidism (ab), Wing J; Kalk WJ; Ganda C, **148:** 893, 1983
- incidence of a pyramidal lobe on thyroid scans (ab), Levy HA; Sziklai JJ; Rosenberg RJ; et al, **148:** 606, 1983
- radionuclide demonstration of acute hemorrhage into follicular adenoma of the thyroid (ab), Kim EE; McConnell BA; Brown JS; et al, **148:** 893, 1983
- thyroid imaging agents: a comparison of I-123 and Tc-99m pertechnetate, Ryu YU; Vaidya PV; Schneide AB; Bekerman C; Pinsky SM, **148:** 819, 1983
- thyroid uptake measurements with I-123: problems and pitfalls: concise communication (ab), Chervu S; Chervu LR; Goodwin PN; et al, **148:** 893, 1983
- tomosintigraphy for detecting gastrointestinal and mediastinal thyroid cancers: first clinical results using radiolabelled monoclonal antibodies against carcinoembryonic antigen (ab), Berche C; Mach J-P; Lumbroso J-D; et al, **148:** 350, 1983
- Thyroid, therapeutic radiology**
- breast cancer following iodine-131 therapy for hyperthyroidism (ab), Hoffman DA; McConahey WM, **148:** 896, 1983
- high radio-isotope uptakes in patients with hypothyroidism (ab), Wing J; Kalk WJ; Ganda C, **148:** 893, 1983
- thyroiditis
- high radio-isotope uptakes in patients with hypothyroidism (ab), Wing J; Kalk WJ; Ganda C, **148:** 893, 1983
- Tibia, fracture**
- Blount disease (tibia vara): another skeletal disorder associated with childhood obesity (ab), Dietz WH Jr; Gross WL; Kirkpatrick JA Jr, **148:** 336, 1983
- early scintigraphic diagnosis of bone stress and fractures in athletic adolescents (ab), Rosen PR; Mitcheli LJ; Treves S, **148:** 893, 1983
- Tibia, fracture**
- insufficiency fractures of the tibial plateau, Manco LG; Schneider R; Pavlov H, (AJR), **140:** 1211, 1983
- scintigraphy in the evaluation of potential fracture healing: a clinical study of tibial fractures (ab), Auchincloss JM; Watt L, **148:** 893, 1983
- Tomography**
- See also Computed tomography
- computed tomography of the middle ear in the evaluation of cholesteatomas and other soft-tissue masses: comparison with pluridirectional tomography, Mafee MF; Kumar A; Yannias DA; Valvassori GE; Applebaum EL, **148:** 465, 1983
- occult fractures of the knee: tomographic evaluation, Apple JS; Martinez S; Allen NB; Caldwell DS; Rice JR, **148:** 383, 1983
- Tomography, technology**
- clinical application of digital tomosynthesis: a preliminary report, Maravilla KR; Murry RC; Deck M; et al, (AJNR), **4:** 277, 1983
- Tongue**
- CT of the oropharynx, tongue base, and floor of the mouth: normal anatomy and range of variations, and applications in staging carcinoma, Muraki AS; Mancuso AA; Harnsberger HR; Johnson LP; Meads GB, **148:** 725, 1983
- Tongue, neoplasms**
- carcinoma of the tongue in Norway and Wisconsin (ab), Vermund H; Brennholv IO; Kaalhus O; et al, **148:** 894, 1983
- Tongue, nuclear magnetic resonance (NMR) studies**
- NMR anatomy of the larynx and tongue base, Lufkin RB; Larsson SG; Hanafee WN, **148:** 173, 1983
- Tongue, therapeutic radiology**
- carcinoma of the tongue in Norway and Wisconsin (ab), Vermund H; Brennholv IO; Kaalhus O; et al, **148:** 894, 1983
- Tonsils**
- CT of the oropharynx, tongue base, and floor of the mouth: normal anatomy and range of variations, and applications in staging carcinoma, Muraki AS; Mancuso AA; Harnsberger HR; Johnson LP; Meads GB, **148:** 725, 1983
- Tonsils, neoplasms**
- californium-252 brachytherapy plus fractionated irradiation for advanced tonsillar carcinoma, Maruyama Y, **148:** 247, 1983
- carcinoma of the tonsillar fossa (ab), Perez CA; Purdy JA; Breaux SR; et al, **148:** 598, 1983
- Toxoplasmosis**
- unusual computed tomographic presentation of cerebral toxoplasmosis, Mazer S; Araujo JC; Ribeiro RC; et al, (AJNR), **4:** 458, 1983
- Trachea, anatomy**
- cross-sectional shape of the child's trachea by computed tomography, Griscom NT, (AJR), **140:** 1103, 1983
- Trachea, computed tomography**
- cross-sectional shape of the child's trachea by computed tomography, Griscom NT, (AJR), **140:** 1103, 1983
- Tracheobronchography**
- See Bronchography
- Transluminal angioplasty**
- See Arteries, transluminal angioplasty
- Transposition of great vessels**
- two-dimensional echocardiographic identification of high anatomically inserted venous atrioventricular valve in the diagnosis of corrected transposition of the great arteries (ab), Motro M; Schneeweiss A; Shem-Tov A; et al, **148:** 603, 1983
- Trauma**
- bone scintigraphy in the diagnosis and management of traumatic injury, Matin P, (SNM), **13:** 104, 1983
- cervical internal carotid artery injuries due to blunt trauma, Batnitzy S; Price HI; Holden RW; et al, (AJNR), **4:** 292, 1983
- complementary roles of radionuclide and computed tomographic imaging in evaluating trauma, Berg BC, (SNM), **13:** 86, 1983
- computed tomography in hepatic trauma, Moon KL Jr; Federle MP, (AJR), **141:** 309, 1983
- computed tomography in the evaluation of trauma (bk rev), Federle MP; Brant-Zawadzki M, Reviewed by Bohrer SP, **148:** 778, 1983
- CT in aortic trauma, Heiberg E; Wolverson MK; Sundaram M; et al, (AJR), **140:** 1119, 1983
- hemoperitoneum studied by computed tomography, Federle MP; Jeffrey RB Jr, **148:** 187, 1983
- high-resolution CT scanning of facial trauma, Cooper PW; Kassel EE; Gruss JS, (AJR), **4:** 495, 1983
- importance of auditory brainstem responses in the CT diagnosis of traumatic brainstem lesions, Zuccarello M; Fiore DL; Pardatscher K; et al, (AJNR), **4:** 481, 1983
- infective complications of splenic trauma (ab), Epstein BM; Omari GM, **148:** 888, 1983
- management of traumatic intracranial haematoma (ab), Teasdale G; Galbraith S; Murray L; et al, **148:** 337, 1983
- massive organized intrapericardial hematoma mimicking constrictive pericarditis (ab), Dunlap TE; Sorkin RP; Mori KW; et al, **148:** 602, 1983
- oblique lateral projection of the orbital floor (ab), Laurin S; Johansen CC, **148:** 598, 1983
- pseudomass lesions due to occult trauma of the larynx (ab), Hanson DG; Mancuso AA; Hanafee WM, **148:** 886, 1983
- radiography of posttraumatic syringomyelia, Rossier AB; Foo D; Naheedy MH; et al, (AJNR), **4:** 637, 1983
- radionuclide evaluation of lung trauma, Lull RJ; Tatum JL; Sugerman HJ; et al, (SNM), **13:** 223, 1983
- radionuclide evaluation of peripheral vascular injuries, Rudavsky AZ; Moss CM, (SNM), **13:** 142, 1983
- radionuclide imaging of the injured spleen and liver, Lutzker LG, (SNM), **13:** 184, 1983
- renal trauma, Rosenthal L; Aumann W, (SNM), **13:** 238, 1983
- role of cardiovascular nuclear medicine in evaluating trauma and the postoperative patient, Simon TR; Parkey RW; Lewis SE, (SNM), **13:** 123, 1983
- role of Tc-99m IDA scintigraphy in the evaluation of hepatobiliary trauma, Weissmann HS; Byun KJC; Freeman LM, (SNM), **13:** 199, 1983
- surgeon's view of the role of radionuclide imaging in evaluating trauma, Roberts SS, (SNM), **13:** 84, 1983
- thoracic and lumbar spine fusion: postoperative radiologic evaluation, Foley MJ; Calenoff L; Hendrix RW; et al, (AJR), **141:** 373, 1983
- traumatic lymphocoele: demonstration by lymphoscintigraphy with modified ^{99m}Tc sulfur colloid, Ellis MC; Gordon L; Gobien RP; et al, (AJR), **140:** 973, 1983
- traumatic rupture of the diaphragm: real-time sonographic diagnosis, Ammann AM; Brewer WH; Maull KI; et al, (AJR), **140:** 915, 1983
- traumatized scrotum: ultrasound evaluation, Lupetin AR; King W III; Rich PJ; Lederman RB, **148:** 203, 1983
- two-dimensional echocardiographic findings in cardiac trauma (ab), Miller FA Jr; Seward JB; Gersh BJ; et al, **148:** 345, 1983
- Tricuspid valve, abnormalities**
- aneurysmal bulging of the interatrial septum in a newborn infant with arteriovenous fistula and congestive heart failure (ab), Sapire DW; Casta D, **148:** 594, 1983
- two-dimensional echocardiographic identification of high anatomically inserted venous atrioventricular valve in the diagnosis of corrected transposition of the great arteries (ab), Motro M; Schneeweiss A; Shem-Tov A; et al, **148:** 603, 1983

- Tricuspid valve, diseases**
carcinoïd heart disease: diagnosis of two-dimensional echocardiography (ab), Howard RJ; Drobac M; Kider WD; et al, **148**: 344, 1983
echocardiographic features of carcinoid heart disease (ab), Callahan JA; Wroblewski EM; Reeder GS; et al, **148**: 344, 1983
- Tricuspid valve, insufficiency**
diagnosis of functional tricuspid insufficiency by pulsed-wave Doppler ultrasound (ab), Garcia-Dorado D; Falzgraf S; Almazan A; et al, **148**: 603, 1983
- Tricuspid valve, prolapse**
tricuspid valve prolapse: a common occurrence in the click-murmur syndrome (ab), Schlamowitz RA; Gross S; Keating E; et al, **148**: 603, 1983
- Tricuspid valve, regurgitation**
evaluation of tricuspid regurgitation by pulsed Doppler and two-dimensional echocardiography (ab), Miyatake K; Okamoto M; Kinoshita N; et al, **148**: 344, 1983
- Tricuspid valve, stenosis**
value of two-dimensional echocardiography in detecting tricuspid stenosis (ab), Nanna M; Chandraratna PA; Reid C; et al, **148**: 890, 1983
- Tricuspid valve, ultrasound studies**
carcinoïd heart disease: diagnosis of two-dimensional echocardiography (ab), Howard RJ; Drobac M; Kider WD; et al, **148**: 344, 1983
echocardiographic features of carcinoid heart disease (ab), Callahan JA; Wroblewski EM; Reeder GS; et al, **148**: 344, 1983
evaluation of tricuspid regurgitation by pulsed Doppler and two-dimensional echocardiography (ab), Miyatake K; Okamoto M; Kinoshita N; et al, **148**: 344, 1983
value of two-dimensional echocardiography in detecting tricuspid stenosis (ab), Nanna M; Chandraratna PA; Reid C; et al, **148**: 890, 1983
- Truncus arteriosus**
conotruncal malformations: diagnosis in infancy using subxiphoid 2-dimensional echocardiography (ab), Sanders SP; Bierman FZ; Williams RG, **148**: 881, 1983
two-dimensional echocardiographic evaluation of persistent truncus arteriosus (ab), Marin-Garcia J; Tonkin ILD, **148**: 880, 1983
two-dimensional echocardiographic prospective diagnosis of common truncus arteriosus in infants (ab), Riggs TW; Paul MH; Pajcic S, **148**: 880, 1983
- Tuberculosis**
miliary tuberculosis of the liver—another cause of the "bright liver" on ultrasound examination (ab), Andrew WK; Thomas RG; Gollach BL, **148**: 347, 1983
screening chest radiography: its role in modern medicine (ab), Greene R, **148**: 328, 1983
- Tuberculosis, intestinal**
tubercular stenosis of the duodenum (ab), Rohner HG; Muller-Wallraf R; Wienbeck M, **148**: 590, 1983
tuberculosis of the distal colon (ab), Cohen C; Tobias R; Kotler RE, **148**: 590, 1983
- Tuberculosis, pulmonary**
adult-onset pulmonary tuberculosis, Choyke PL; Sostman HD; Curtis AM; Ravin CE; Chen JTT; Godwin JD; Putman CE, **148**: 357, 1983
- Turner's syndrome**
See Chromosomes, abnormalities
- Twins, abnormalities**
thoracocephalopagus conjoined twins: preoperative evaluation by scintigraphy, Patel B; Ho J; Sherry M; et al, (AJR), **140**: 1113, 1983

U

- Ulcer**
See Peptic ulcer
- Ulna**
os supratrochlear dorsale: a normal variant that may cause symptoms, Obermann WR; Loose HWC, (AJR), **141**: 123, 1983
- Ultrasound**
See also under names of organs and regions, such as Heart, ultrasound studies

- real-time ultrasonography (bk rev), Winsberg F; Cooperberg PL; Reviewed by Lerner RM, **148**: 808, 1983
sonographische diagnostik innerer erkrankungen—eine praktische einführung (bk rev), Kremer H, ed; Reviewed by Oestreich AE, **148**: 532, 1983
- Ultrasound, biological fluid studies**
red cell aggregation as a cause of blood-flow echogenicity, Sigel B; Machi J; Beitzler JC; Justin JR, **148**: 799, 1983
- Ultrasound, comparative studies**
breast cancer detection with sonography and mammography: comparison using state-of-the-art equipment, Sickles EA; Filly RA; Callen PW, (AJR), **140**: 843, 1983
comparative imaging in the evaluation of hepatic abscesses in immunocompromised children (ab), Sty JR; Starshak RJ, **148**: 881, 1983
diagnosis of peritoneal mesothelioma: computed tomography, sonography, and fine-needle aspiration biopsy, Reuter K; Raptopoulos V; Reale F; et al, (AJR), **140**: 1189, 1983
nuclear medicine in clinical practice: selective correlation with ultrasound and computed tomography (bk rev), Greenfield LD; Uzler JM, eds; Reviewed by Grossman Z, **148**: 538, 1983
small hepatocellular carcinoma—a clinicopathological study in thirteen patients (ab), Chen DS; Sheu JC; Sung JL; et al, **148**: 347, 1983
sonography of splenic abscesses, Kay CJ; Pawar S; Rosenfield AT, (SU), **4**: 91, 1983
- Ultrasound, contrast enhancement**
contrast echocardiography (ab), Roelandt J, **148**: 344, 1983
- Ultrasound, Doppler studies**
assessment of transesophageal pulsed Doppler echocardiography in the detection of mitral regurgitation (ab), Schluter M; Langenstein BA; Hanrath P; et al, **148**: 346, 1983
can tracking of contrast echocardiographic targets be used to measure intracardiac flow velocities (ab), Valdes-Cruz LM; Sahn DJ; Horowitz S; et al, **148**: 890, 1983
deep venous thrombophlebitis following aortoiliac reconstructive surgery (ab), Reilly MK; McCabe CJ; Abbott WM; et al, **148**: 349, 1983
detection of mild aortic regurgitation by range-gated pulsed Doppler echocardiography (ab), Esper RJ, **148**: 347, 1983
diagnosis of functional tricuspid insufficiency by pulsed-wave Doppler ultrasound (ab), Garcia-Dorado D; Falzgraf S; Almazan A; et al, **148**: 603, 1983
Doppler study of renal artery of transplant kidneys (ab), Koff D; Plainfesse MC; Merritt S, **148**: 604, 1983
Doppler ultrasound and its use in clinical measurements (bk rev), Atkinson P; Woodcock JP, Reviewed by Holen J, **148**: 518, 1983
evaluation of tricuspid regurgitation by pulsed Doppler and two-dimensional echocardiography (ab), Miyatake K; Okamoto M; Kinoshita N; et al, **148**: 344, 1983
Kimray-Greenfield filter: evaluation by duplex real-time/pulsed Doppler ultrasound, Pasto ME; Kuritz AB; Jarrell BE; Dubbins PA; Rifkin MD; Cole-Beuglet C; Baltarowich O; Goldberg BB, **148**: 223, 1983
non-invasive carotid screening (ab), Reeves BF; Reed DD; Ahlstrand RA, **148**: 890, 1983
noninvasive evaluation of extra-/intracranial anastomoses by dynamic CT and Doppler sonography, Mehdiorn HM; Spira G; Jamjoon ZA; et al, (AJNR), **4**: 857, 1983
ocular neovascularization with retinal vascular occlusion. II. occurrence in central and branch retinal artery occlusion (ab), Hayreh SS; Podhajsky P, **148**: 340, 1983
praxis der Doppler-sonographie, periphere arterien und venen, hirversorgende arterien (bk rev), Kriessmann A; Bollinger A; Keller H, Reviewed by Oestreich AE, **148**: 528, 1983
prenatal ultrasound diagnosis of hypoplastic left heart syndrome in utero associated with hydrops fetalis (ab), Sahn DJ; Shenker L; Reed KL; et al, **148**: 604, 1983
- Ultrasound, experimental**
enhanced detection of the evolution of tissue changes after acute myocardial infarction using color-encoded two-dimensional echocardiography (ab), Parisi AF; Nieminen M; O'Boyle JE; et al, **148**: 344, 1983
epicardial mapping of segmental myocardial function: an echocardiographic method applicable in man (ab), Likoff M; Reichek N; St John Sutton M; et al, **148**: 344, 1983
myocardial perfusion evaluated by contrast echocardiography (ab), Klicpera M; Glogar D; Mayr H; et al, **148**: 602, 1983
- Ultrasound, in infants and children**
echiographe pédiatrique (bk rev), Andre C; Avni FE; Brunelle F; Cadier L; Cohen JV; Couture A; Devred P; Ferran JL; Garel L; Kalifa G; Lalande G; Lallemand D; Le Bihan B; Le Dosseur P; Leclerc J; Montagne JP; Neuenschwander S; Spehl-Robberecht M, Reviewed by Oestreich AE, **148**: 798, 1983
evaluation of infradiaphragmatic total anomalous pulmonary venous connection with two-dimensional echocardiography (ab), Snider AR; Silverman NH; Turley K; et al, **148**: 593, 1983
intraoperative neurosurgical ultrasound: localization of brain tumors in infants and children, Shkolnik A; Tomita T; Raimondi AJ; Hahn YS; McLone DG, **148**: 525, 1983
postasphyxia encephalopathy in full-term infants: ultrasound diagnosis, Babcock DS; Ball W Jr, **148**: 417, 1983
sonography of imperforate anus, Oppenheimer DA; Carroll BA; Shochat SJ, **148**: 127, 1983
sonography of thickened gallbladder wall: causes in children, Patriquin HB; DiPietro M; Barber FE; et al, (AJR), **141**: 57, 1983
ultrasound imaging in the diagnosis of muscle disease (ab), Heckmatt JZ; Leeman S; Dubowitz V, **148**: 336, 1983
- Ultrasound, intraoperative**
intraoperative neurosurgical ultrasound in the localization and characterization of intracranial masses, Rubin M; Dohrmann GJ, **148**: 519, 1983
intraoperative neurosurgical ultrasound: localization of brain tumors in infants and children, Shkolnik A; Tomita T; Raimondi AJ; Hahn YS; McLone DG, **148**: 525, 1983
intraoperative neurosurgical ultrasound: transdural and transfontanelle applications, Merritt CRB; Coulon R; Connolly E, **148**: 513, 1983
- Ultrasound, pediatric**
See Ultrasound, in infants and children
- Ultrasound, preoperative**
value of echography in diagnosis and follow-up of perforating eye lesions (ab), Riss B; Binder S, **148**: 890, 1983
- Ultrasound, technology**
anatomical bases for the ultrasound diagnosis of cerebroventricular hemorrhage and its sequelae (ab), de Crespigny LC; Robinson RH, **148**: 889, 1983
breast cancer detection with sonography and mammography: comparison using state-of-the-art equipment, Sickles EA; Filly RA; Callen PW, (AJR), **140**: 843, 1983
common carotid artery contours reconstructed in three dimensions from parallel ultrasonic images, Blanckhorn DH; Chin HP; Strikwerda S; Bamberger J; Hestenes JD, **148**: 533, 1983
effect of beam directional alterations on left ventricular shortening fraction (ab), Hoenecke HR Jr; Goldberg SJ; Sahn DJ; et al, **148**: 347, 1983
human endoscopic ultrasonography (ab), DiMaggio EP; Regan PT; Clain JE; et al, **148**: 347, 1983
lateral cerebral ventricle in early second trimester, Chinn DH; Callen PW; Filly RA, **148**: 529, 1983
modern scanning and biometry equipment in ophthalmologic sonography (ab), Thijssen JM, **148**: 890, 1983
normal left atrial function determined by 2-dimensional echocardiography (ab), Gutman J; Wang YS; Wahr D; et al, **148**: 891, 1983

Ultrasound, technology

- sonographische diagnostik innerer erkrankungen—eine praktische einführung (bk rev), Kremer H, ed. Reviewed by Oestreich AE, **148**: 532, 1983
- state of development and clinical significance of ultrasound diagnostics in intracocular diseases (ab), Till P, **148**: 890, 1983
- ultrasonic tissue differentiation in small areas—the orbit as an example (ab), Buschmann W, Haigis W, **148**: 890, 1983
- ultrasound diagnosis of hypertrophic pyloric stenosis (ab), Khamapirad T, Athey PA, **148**: 881, 1983
- Ultrasound guidance**
- fine-needle biopsy directed by real-time sonography: technique and accuracy, Grant EG, Richardson JD; Smirniotopoulos JG; et al, **141**: 29, 1983
 - intraoperative neurosurgical ultrasound in the localization and characterization of intracranial masses, Rubin JM; Dohrmann GJ, **148**: 519, 1983
 - intraoperative neurosurgical ultrasound: transdural and transfontanellar applications, Merritt CRB; Coulon R; Connolly E, **148**: 513, 1983
 - parathyroid tumors detected by fine-needle aspiration biopsy under ultrasonic guidance, Solbiati L; Montali G; Croce F; Bellotti E; Giangrande A; Ravetto C, **148**: 793, 1983
 - percutaneous needle biopsy of soft tissue tumors guided by ultrasound and computed tomography (ab), Zornoza J; Bernhardino ME; Ordóñez NG; et al, **148**: 892, 1983
 - renal biopsies under ultrasound guidance: 100 consecutive biopsies in children (ab), Chan JCM; Brewer WH; Still WJ, **148**: 882, 187³
 - role of imaging modalities in diagnosis and management of pyomyositis (ab), Yousefzadeh DK; Schumann EM; Mulligan CM; et al, **148**: 882, 1983
 - ultrasound tomography and sonographically guided needle biopsy of intrathoracic masses (ab), Schwert WB; Dombrowski H; Kalbfleisch H, **148**: 602, 1983
- Ureter**
- See also Genitourinary system
 - ureteroileal anastomotic leaks: percutaneous treatment, Bettmann MA; Murray PD; Perlmutt LM; Whitmore WF III; Richie JP, **148**: 95, 1983
- Ureter, abnormalities**
- blind ending ureters—clinical significance? (ab), Finder CA; Love L; Rich JL, **148**: 591, 1983
- Ureter, calculi**
- urographic appearances in renal failure due to intraluminal ureteric obstruction (ab), Davies P, **148**: 331, 1983
- Ureter, dilatation**
- interlabial masses in little girls: review and imaging recommendations, Nussbaum AR; Lebowitz RL, **141**: 65, 1983
 - ultrasonic evaluation of simple and ectopic ureteroceles (ab), Griffin J; Jennings C; MacErlean D, **148**: 892, 1983
- Ureter, intervention**
- ureteroileal anastomotic leaks: percutaneous treatment, Bettmann MA; Murray PD; Perlmutt LM; Whitmore WF III; Richie JP, **148**: 95, 1983
- Ureter, obstruction**
- See Ureter, stenosis
- Ureter, percutaneous drainage**
- percutaneous nephroureteral drainage and stenting for post surgical ureteral leaks, Drury EM; Gharib M; Finder CA, **141**: 389, 1983
- Ureter, stenosis**
- urographic appearances in renal failure due to intraluminal ureteric obstruction (ab), Davies P, **148**: 331, 1983
- Ureter, ultrasound studies**
- ultrasonic evaluation of simple and ectopic ureteroceles (ab), Griffin J; Jennings C; MacErlean D, **148**: 892, 1983
 - urosonography in spinal cord injury patients (ab), Calenoff L; Neiman HL; Kaplan PE; et al, **148**: 605, 1983
- Ureterocele**
- See Ureter, dilatation
- Uretha**
- interlabial masses in little girls: review and imaging recommendations, Nussbaum AR; Lebowitz RL, **141**: 65, 1983
- Urethra, abnormalities**
- posterior urethral valves, unilateral reflux and renal dysplasia: a syndrome (ab), Hoover DL; Duckett JW Jr, **148**: 336, 1983
- Urethra, cysts**
- interlabial masses in little girls: review and imaging recommendations, Nussbaum AR; Lebowitz RL, **141**: 65, 1983
- Urethra, radiography**
- simplified chain cystourethrography (L), Subramanian AB, **148**: 317, 1983
 - simplified chain cystourethrography: reply (L), Rubens SE; Pollack HM; Banner MP, **148**: 317, 1983
- Urethra, valves**
- posterior urethral valves, unilateral reflux and renal dysplasia: a syndrome (ab), Hoover DL; Duckett JW Jr, **148**: 336, 1983
- Urine**
- hypertension and urino-thorax following an attempted percutaneous nephrostomy (ab), Redman JE; Arnold WC; Smith PL; et al, **148**: 881, 1983
- Urography**
- autosomal dominant polycystic kidney disease in the neonatal period: association with a cerebral arteriovenous malformation (ab), Proesmans W; Van Damme B; Casaer P; et al, **148**: 882, 1983
 - blind ending ureters—clinical significance? (ab), Finder CA; Love L; Rich JL, **148**: 591, 1983
 - limited use of hypertensive excretory urography (ab), Thornbury JR; Stanley JC; Fryback DG, **148**: 330, 1983
 - modified excretory urography in prehysterectomy patients (ab), Kumar R; Weiner MA; Schreiber MH, **148**: 876, 1983
 - one-film urogram in urinary tract infection in children, Leonidas JC; Schwartz R; Schwartz AM; et al, **141**: 61, 1983
 - posterior urethral valves, unilateral reflux and renal dysplasia: a syndrome (ab), Hoover DL; Duckett JW Jr, **148**: 336, 1983
 - ultrasonic evaluation of simple and ectopic ureteroceles (ab), Griffin J; Jennings C; MacErlean D, **148**: 892, 1983
 - urographic appearances in renal failure due to intraluminal ureteric obstruction (ab), Davies P, **148**: 331, 1983
 - uroradiologic manifestations of portal hypertension, Amendola MA; Vade A; Agha FP; et al, **141**: 355, 1983
 - yield of screening urography in young women with urinary tract infection (ab), Newhouse JH; Rhea JT; Murphy RX; et al, **148**: 591, 1983
- Urography, contrast media**
- effect of contrast media on immature renal function: comparison of agents with high and low osmolality, Harvey LA; Caldicott WJH; Kuruc A, **148**: 429, 1983
 - iopamidol in urography (ab), Dalla Palma L; Rossi M; Stacul F; et al, **148**: 330, 1983
- Urokinase**
- intrarterial infusion of urokinase in the treatment of acute pulmonary thromboembolism: preliminary observations, Barberena J, **140**: 883, 1983
 - low-dose fibrinolytic therapy: results and new concepts, Becker GJ; Rabe FE; Richmond BD; Holden RW; Yune HY; Dilley RS; Bang NU; Glover JL; Klatte EC, **148**: 663, 1983
 - percutaneous transluminal coronary angioplasty immediately after intracoronary streptolysis of transmural myocardial infarction (ab), Meyer J; Merk W; Schmitz H; et al, **148**: 332, 1983
 - thrombolytic agents: effects of local infusion on microvascular physiology and macrovascular ultrastructure, Becker GJ; Rabe FE; Hogan RD; Evans AP; Franklin TD; Holden RW; Bang NU; Dilley RS; Bendick PJ; Klatte EC, **148**: 403, 1983
- Uterine neoplasms, metastases**
- bony metastases in carcinoma of the uterine cervix (ab), Bassan J; Glaser MG, **148**: 330, 1983
- Uterine neoplasms, staging**
- evaluation of the computed tomographic scanner for the staging of carcinoma of the cervix (ab), Brenner DE; Whitley NO; Prempree T; et al, **148**: 600, 1983
- Uterine neoplasms, therapeutic radiology**
- influence of treatment and tumor grade on the prognosis of stage II carcinoma of the endometrium (ab), Prempree T; Patanaphan V; Salazar OM, **148**: 894, 1983
- second cancers following radiotherapy for cervical cancer (ab), Kleinerman RA; Curtis RE; Boice JD Jr; et al, **148**: 352, 1983
- Uterus**
- See also Pelvis; Pregnancy; Uterine neoplasms
 - Uterus, computed tomography**
 - evaluation of the computed tomographic scanner for the staging of carcinoma of the cervix (ab), Brenner DE; Whitley NO; Prempree T; et al, **148**: 600, 1983
- Uterus, radiography**
- fertility rate after hysterosalpingography with Sinograft, Cooper RA; Jababoni R; Pieters CH, **141**: 105, 1983
- Uterus, ultrasound studies**
- massive pseudogestational sac in ectopic pregnancy (ab), Mantoni M; Pedersen JF, **148**: 892, 1983

V

Vagina, neoplasms

interlabial masses in little girls: review and imaging recommendations, Nussbaum AR; Lebowitz RL, **141**: 65, 1983

radiation therapy in primary carcinoma of the vagina (ab), Reddy KS; Robert L; Rao SR; et al, **148**: 895, 1983

role of radiation therapy in the management of primary carcinoma of the vagina (ab), Prempree T, **148**: 895, 1983

Vagina, therapeutic radiology

radiation therapy primary carcinoma of the vagina (ab), Reddy KS; Robert L; Rao SR; et al, **148**: 895, 1983

role of radiation therapy in the management of primary carcinoma of the vagina (ab), Prempree T, **148**: 895, 1983

Vagina, ultrasound studies

sonography of vaginal masses, McCarthy S; Taylor KJW, **140**: 1005, 1983

Vasa vasorum

vasa vasorum and angioplasty, Cragg AH; Einzig S; Rysavy JA; Castaneda-Zuniga WR; Borgwardt B; Amplatz K, **148**: 75, 1983

Vasculitis

positron emission tomography in systemic lupus erythematosus: relation of cerebral vasculitis to PET findings, Hirashima M; Nonaka C; Abe T; et al, **141**: 541, 1983

Wegener's granulomatosis: prospective clinical and therapeutic experience with 85 patients for 21 years (ab), Fauci AS; Haynes BF; Katz P; et al, **148**: 874, 1983

Veins

See also Angiography; Arteriovenous malformations; Cerebral blood vessels

Veins, adrenal

primary hyperaldosteronism: comparison of CT, adrenal venography, and venous sampling, Geisinger MA; Zeich MG; Bravo EL; et al, **141**: 299, 1983

Veins, hepatic

inferior right hepatic vein: ultrasonic demonstration, Makuchi M; Hasegawa H; Yamazaki S; Bandai Y; Watanabe G; Ito T, **148**: 213, 1983

ultrasound assessment of liver veins in congestive heart failure (ab), Henriksson L; Hedman A; Johansson R; et al, **148**: 603, 1983

Veins, portal

See Portal vein

Veins, renal

See Renal veins

Veins, spermatic

spermatic vein obliteration using hot contrast medium in dogs, Rholl KS; Rysavy JA; Vlodaver Z; Cragg AH; Castaneda-Zuniga WR; Amplatz K, **148**: 85, 1983

Veins, therapeutic blockade

spermatic vein obliteration using hot contrast medium in dogs, Rholl KS; Rysavy JA; Vlodaver Z; Cragg AH; Castaneda-Zuniga WR; Amplatz K, **148**: 85, 1983

transhepatic portal venous embolization of varices: pros and cons (opin), Sos TA, **148**: 569, 1983

Veins, umbilical

embryologic collateral venous channel on radionuclide liver/spleen study, Wilkinson RH Jr; Johnson DG, **141**: 45, 1983

X rays

Venae cavae, filters

Kimray-Greenfield filter: evaluation by duplex real-time/pulsed Doppler ultrasound. Pasto ME; Kurtz AB; Jarrell BE; Dubbins PA; Rifkin MD; Cole-Beuglet C; Baltarowich O; Goldberg BB. *JR* 148: 223, 1983

Venae cavae, obstruction

chylothorax secondary to superior vena caval obstruction (ab), Seibert JJ; Colladay ES; Keller C. *JR* 148: 334, 1983

Venae cavae, thrombosis

chylothorax secondary to superior vena caval obstruction (ab), Seibert JJ; Colladay ES; Keller C. *JR* 148: 334, 1983

Venae cavae, ultrasound studies

Kimray-Greenfield filter: evaluation by duplex real-time/pulsed Doppler ultrasound. Pasto ME; Kurtz AB; Jarrell BE; Dubbins PA; Rifkin MD; Cole-Beuglet C; Baltarowich O; Goldberg BB. *JR* 148: 223, 1983

Venography

See also Angiography
computed orbital phlebography of the cavernous sinuses, Ericson K; Bergstrand G. *AJR* 4: 745, 1983

deep venous thrombophlebitis following aortoiliac reconstructive surgery (ab), Reilly MK; McCabe CJ; Abbott WM; et al. *JR* 148: 349, 1983

primary hyperaldosteronism: comparison of CT, adrenal venography, and venous sampling, Geisinger MA; Zelch MG; Bravo EL; et al. *AJR*, 141: 299, 1983

Venography, radionuclide

Tc-99m red blood cell venography in deep vein thrombosis of the leg (L), Rao MG. *JR* 148: 577, 1983

Tc-99m red blood cell venography in deep vein thrombosis of the leg: reply (L), Lisbona R; Stern J; Derbekyan V. *JR* 148: 577, 1983

Ventricles

See Brain; Heart

Ventricular septal defect

angiographic differentiation of types of ventricular septal defects, Santamaria H; Soto B; Ceballos R; et al. *AJR*, 141: 273, 1983

two-dimensional echocardiographic identification of pulmonary artery branch stenosis (ab), Tinker DD; Nanda NC; Harris JP; et al. *JR* 148: 345, 1983

two-dimensional echocardiographic prospective diagnosis of common truncus arteriosus in infants (ab), Riggs TW; Paul MH; Pajic S. *JR* 148: 880, 1983

Ventriculitis

periventricular white-matter cysts in a murine model of gram-negative ventriculitis, Naidich TP; McLone DG; Yamanouchi Y. *AJR*, 4: 461, 1983

Vertebrae

See Spine

Vertebral arteries, calcification

calcification of the vertebral artery, Kataoka K; Kanno T; Sano H; et al. *AJR*, 4: 450, 1983

Video systems

complementary roles of radionuclide and computed tomographic imaging in evaluating trauma, Berg BC. *SNM*, 13: 86, 1983

epiglottic motion: video recording of muscular dysfunction, Curtis DJ; Sepulveda GU. *JR* 148: 473, 1983

fluoroscopic dose reduction using a digital television noise-reduction device, Ablow RC; Jaffe CC; Orphanoudakis SC; Markowitz RI; Rosenfeld NS. *JR* 148: 313, 1983

Vision

axial echometry of the eye: results and clinical application (ab), Gernet H. *JR* 148: 890, 1983

investigation and management of suprasellar arachnoid cysts (ab), Hoffman HJ; Hendrick EB; Humphreys RP; et al. *JR* 148: 598, 1983

neurosurgical management of optic glioma (ab), Tenny RT; Laws ER Jr; Young BR; et al. *JR* 148: 338, 1983

ocular neovascularization with retinal vascular occlusion. II. occurrence in central and branch retinal artery occlusion (ab), Hayreh SS; Podhajsky P. *JR* 148: 340, 1983

Vitamins

cerebral CT findings in methylmalonic aciduria and propionic acidemias, Gebarski SS;

Gabrielsen TO; Knake JE; et al. *AJR*, 4: 955, 1983

Vocal cords, neoplasms

barium examination of the pharynx after vertical hemilaryngectomy, DiSantis DJ; Balfe DM; Koehler RE; et al. *AJR*, 141: 335, 1983

Vocal cords, paralysis

recurrent laryngeal nerve paralysis: a laryngographic and computed tomographic study, Agha FP. *JR* 148: 149, 1983

W

Wegeher's granulomatosis

See Granuloma

Wilms' tumor

See Kidney neoplasms

Wilson's disease

computed tomography of Wilson disease, Kvicala V; Vymazal J; Nevsimalova S. *AJR*, 4: 429, 1983

Wrist

fracture of the radius with instability of the wrist, Rosenthal DI; Schwartz M; Phillips WC; et al. *AJR*, 141: 113, 1983

Wrist, fracture

suggested method for closed treatment of fractures of the carpal scaphoid: hypothesis supported by dissection and clinical practice (ab), King RJ; Mackenny RP; Elmir S. *JR* 148: 331, 1983

X

Xenon, radioactive

anatomic applications of xenon-enhanced CT scanning: visual image analysis and brain-blood partition coefficient studies in man, Drayer BP; Friedman A; Osborne D; et al. *AJR*, 4: 577, 1983

single-photon tomographic determination of regional cerebral blood flow in epilepsy, Bonte FJ; Devous MD Sr; Stokely EM; et al. *AJR*, 4: 544, 1983

X rays

See Diagnostic radiology; Radiations; Radiography; Therapeutic radiology